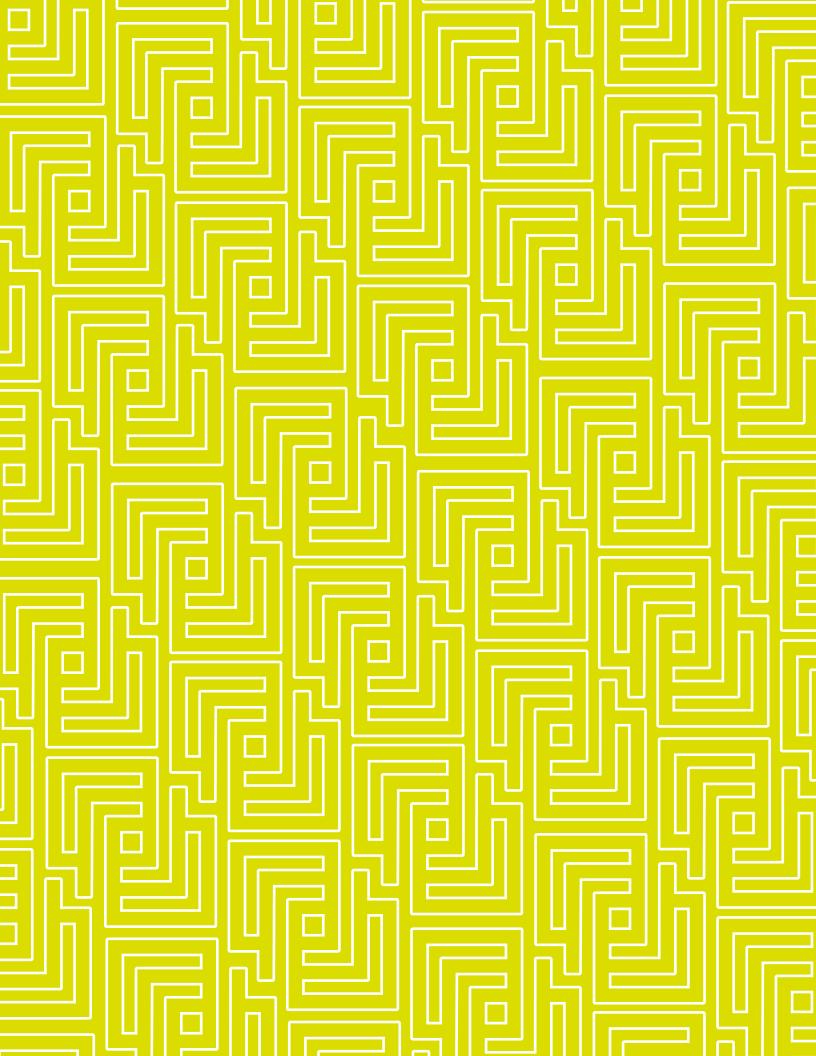
POLL PAD, user guide

THE STATE OF CALIFORNIA







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meet the

POUL PAD

3









1 Power Button

4 Stand Arm

- **2** Home Button
- **5** Poll Pad Base
- 3 Poll Pad & Plastic Shell
- 6 Camera
- **7** ID Tray





- **1** Green Case
- Poll Pad
- 3 Poll Pad Base (stand arm located under base)
- 4 Lightning to USB Cable & USB Power Adapter
- 5 (2) Stylus
- 6 ID Tray
- Printer & Cords
- Screen Cloth









OPENING PROCEDURES | POLL PAD SETUP



O STAND ARM

To attach the stand arm to the iPad shell, press the buttons on the side of the arm and place in circular opening. Release buttons and rotate the arm until you hear a click.



2 CONNECT ARM TO BASE

Take arm and place into Poll Pad Base. Once attached rotate iPad making sure the camera is on top, oriented in a landscape position.

NOTE: COMPLETE printer setup BEFORE powering on iPad

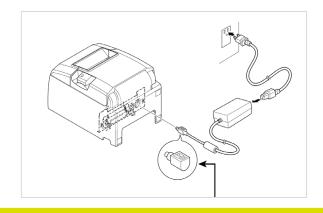


3 ATTACH PHOTO ID TRAY

Attach the ID tray to the iPad using the mounting clip. Once attached, insert stylus into the holding slot. Adjust the iPad to a suitable angle.

NOTE: COMPLETE printer setup BEFORE powering on iPad

OPENING PROCEDURES | PRINTER SETUP



1 LOCATE PRINTER

Open the transport case and remove printer, adapter and power cord.



ONNECT TO POWER ADAPTER

Connect the power cord to the power adapter.

NOTE: Ensure secure connection



OUNTER

Plug the connector into the back of the printer.

NOTE: Ensure secure connection



O PLUG PRINTER INTO OUTLET

Plug your printer into a wall outlet.

NOTE: Make sure your check-in table is close to the wall outlet or you have an extension cord available.

OPENING PROCEDURES | PRINTER SETUP



5 TURN PRINTER ON

The ON/OFF switch is located on the left side of the printer. If you do not see a green power light on the front panel, check the power cord connections and make sure the outlet has power.



6 CONFIRM CONNECTION

Look for blue light on the back of the printer to confirm the wireless printing connection is successful.

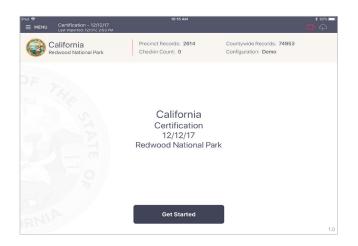
OPENING PROCEDURES | POLL PAD SETUP



OPERIOR ON POLL PAD

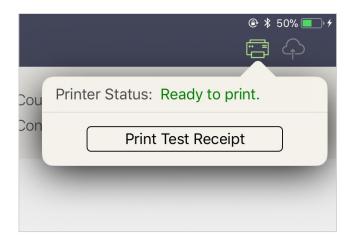
Press the power button on the top left edge of the unit until you see the Apple icon, then release. The iPad will power on, and the Poll Pad application with launch automatically.

NOTE: Poll Pad will power on if connected to AC power



O HOME SCREEN CHECKLIST

- Name of Jurisdiction
- Election Name and Date
- Polling Place Location is Correct (Most Important)
- Check-in Count = 0
- Battery Life is Close to Full (90% or greater)

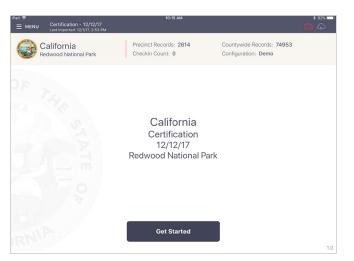


3 CONNECT & TEST PRINT

A green printer icon on the Poll Pad means you are connected to the printer.

Press the green printer icon and select 'Print Test Receipt' and a sample receipt will print. You are now ready to sign in and process voters.

OPENING PROCEDURES | POLL PAD ICONS



PRINTER ICONS & COLORS



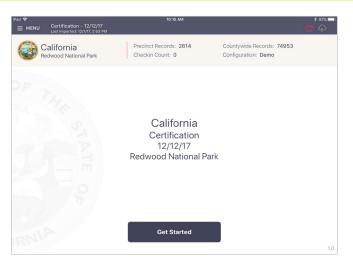
Poll Pad is paired with the printer. A receipt will print out for checked-in voters and those who are in the wrong precinct. This feature is active.



Poll Pad recognizes the printer and is currently in the process of pairing with the device. **This feature is active.**



Poll Pad is not paired with the printer. Select the printer icon, followed by Pair and Connect. **This feature is active.**



MULTI-PEER ICONS & COLORS



Poll Pad is currently connected and synchronizing with the other precinct Poll Pads.



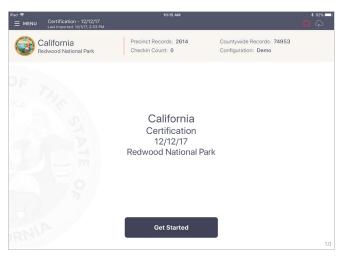
The number inside of the blue circle indicates the number of precinct units the Poll Pad is connected to.



Poll Pad recognizes the presence of other precinct Poll Pads but is not connected or synchronizing with these units.



The Poll Pad is currently disconnected and not synchronizing with the other precinct Poll Pads. Contact Election Authority.



CLOUD SYNC ICONS & COLORS



Poll Pad is currently connected and synchronizing with the central election database. **This feature is active if applicable.**

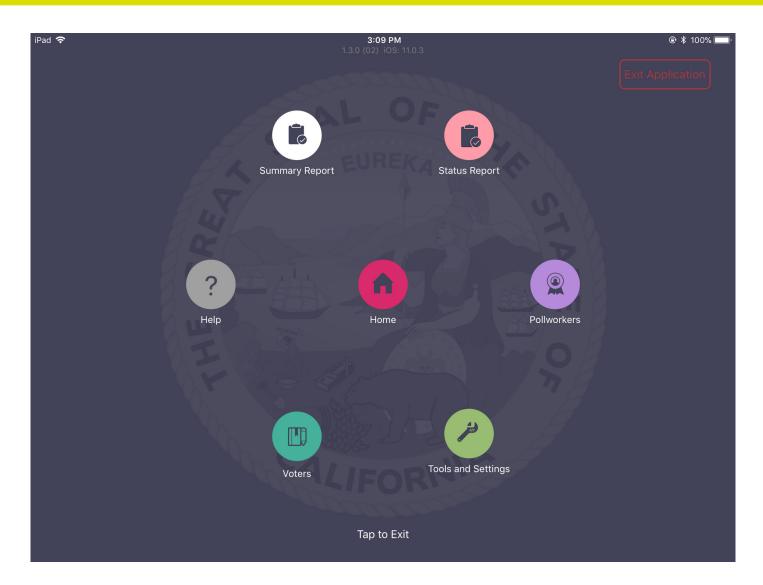


Poll Pad is in the process of connecting to the central election database. **This feature is active if applicable.**



Poll Pad is currently disconnected and not synchronizing with the central election database. This feature is active if applicable.

MAIN MENU KEY



Home - Access the Get Started screen to process voters.

Contact Support - Access to video and/or text messaging functions.

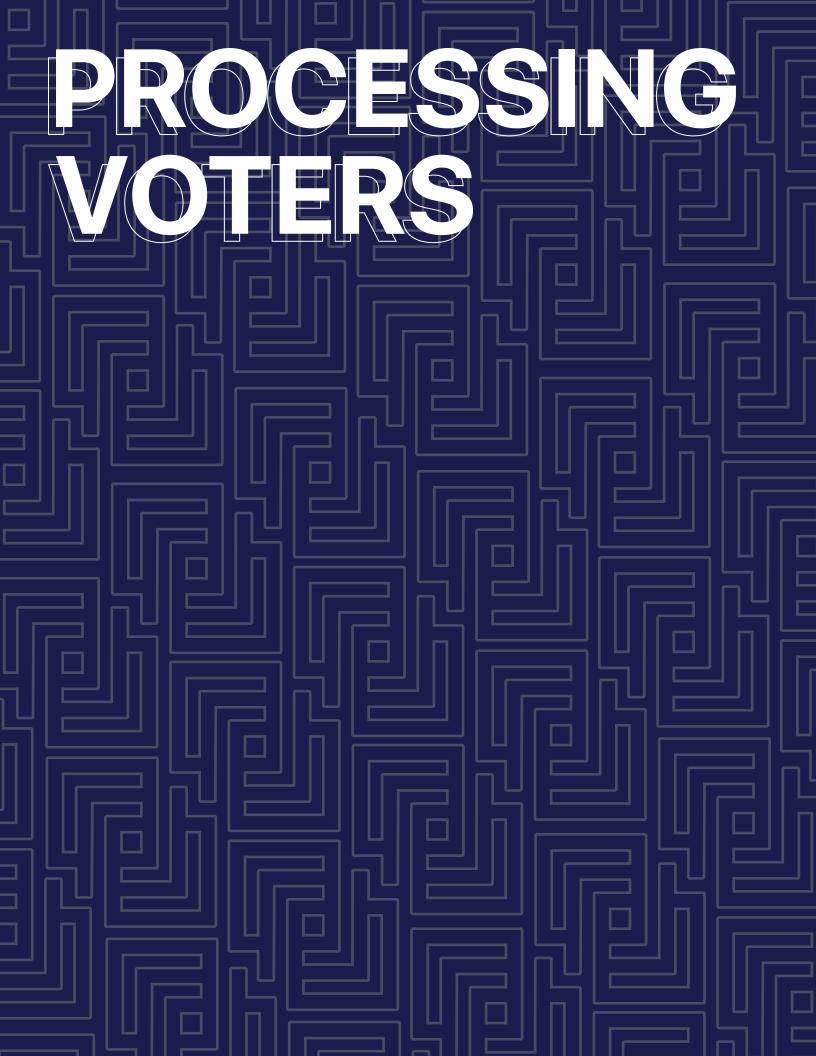
Voter Lookup - Search for a voter record.

Tools and Settings - Password-protected access to advanced functions such as importing voter file and audit logs.

Help - Customizable resource for user guides, videos, and troubleshooting content.

Summary Report - Password-protected (optional) access to localized, customizable reports.

Pollworkers - Check in and check out your poll workers.



PROCESSING VOTERS | SEARCH BY SCAN BARCODE



O VERIFY VOTER'S INFO

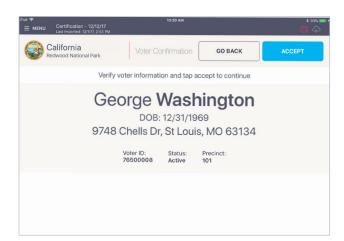
Ask the voter to provide an acceptable form of ID. After verifying the voter's ID is valid, start the check-in process by touching **Scan Barcode**.



2 SCAN VOTER'S ID

A live image of the Photo ID Tray displays on screen. Place his or her photo ID (with the barcode facing the camera) onto the ID Tray.

NOTE: If the camera is unable to scan the voter's photo ID or if the ID is not placed onto the holder within five seconds, the Poll Pad will display "Barcode Not Found." If this occurs find the voter using the manual search method.



3 VOTER CONFIRMATION

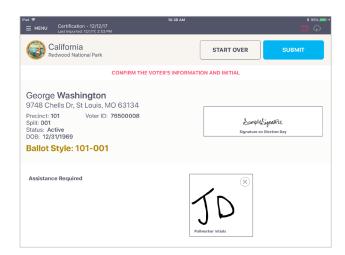
Once the barcode is recognized, the screen displays the voter's information. If all information is correct, press **ACCEPT**.

PROCESSING VOTERS | SEARCH BY SCAN BARCODE



VOTER SIGNATURE

Rotate screen to capture voter's signature. Once complete, rotate back and press **DONE SIGNING**.



5 POLL WORKER CONFIRMATION

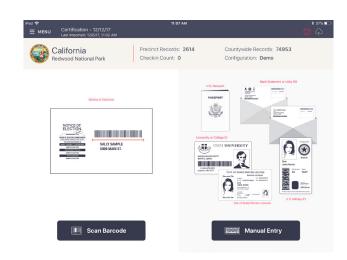
Poll worker confirmation page will appear.
Poll worker to verify and confirm all information is correct. If correct, initial in provided field and press **SUBMIT**.



OPPOCESSED VOTER

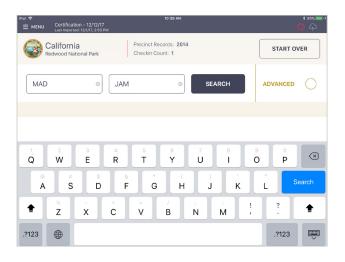
Good Job! You successfully processed the voter. Follow polling place protocol to direct voter to next polling station.

PROCESSING VOTERS | SEARCH BY MANUAL ENTRY



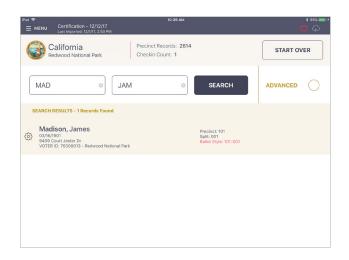
SEARCH BY NAME

Press **Manual Entry** to locate the voter by using his or her first and last name.



2 ENTER VOTER'S NAME

Use the on-screen keyboard to enter the first three (3) letters of the voters last and first name, then press **SEARCH**.

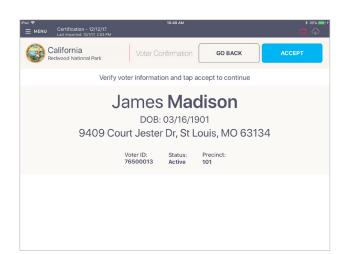


SELECT VOTER'S RECORD

Records matching the search criteria display on screen. Locate the voter's record and verify it does not contain any exceptions, then select the voter by touching his or her record.

NOTE: Search results show both in-precinct and out of precinct voters. Out of precinct voters display in gray with an indicator that reads "Wrong Precinct."

PROCESSING VOTERS | SEARCH BY MANUAL ENTRY



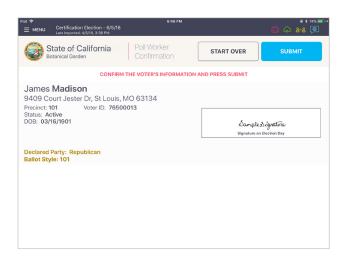
O VOTER CONFIRMATION

Screen displays voter's information. Verify information, if all is correct press **ACCEPT**.



VOTER SIGNATURE

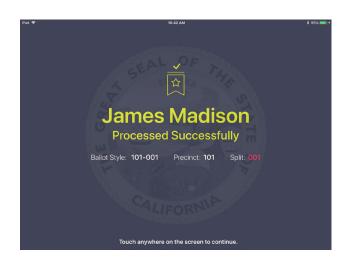
Rotate screen to capture voter signature. Once complete, rotate back and press **DONE SIGNING**.



O POLL WORKER CONFIRMATION

Poll worker confirmation screen will appear. Poll worker to verify and confirm all information is correct. If correct, press **SUBMIT**.

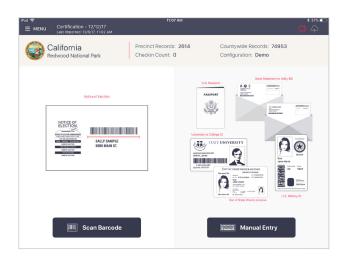
PROCESSING VOTERS | SEARCH BY MANUAL ENTRY



OPERATE OF STREET VOTER

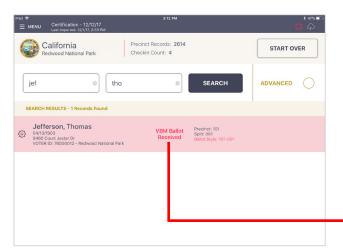
Good Job! You successfully processed the voter. Follow polling place protocol to direct voter to next polling station.

PROCESSING VOTERS | VOTE BY MAIL OR VBM - RECEIVED



O LOOK UP VOTER

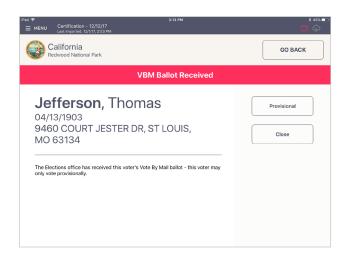
Lookup the voter's record using either Scan Barcode or Manual Entry instructions.



2 LOCATE VOTER'S RECORD

Records matching the search criteria display on screen. You'll notice the voter's record contains a status that reads "VBM Ballot Received." Press voter record.

VBM Ballot Received

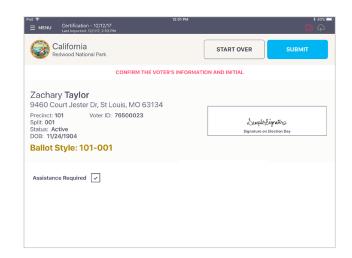


5 FOLLOW PROMPT

A prompt will appear reading, "The Elections office has received this voter's Vote By Mail ballot - this voter may only vote provisionally"

Press **Provisional** to process voter provisionally. Press **Close** to start over.

PROCESSING VOTERS | VOTER REQUIRES ASSISTANCE



10 VOTER ASSISTANCE

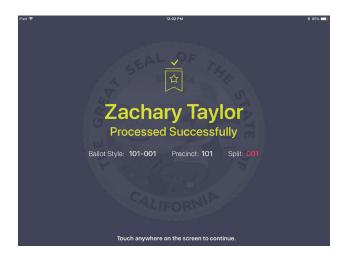
If a voter requires assistance, an Assistance Required box is found on the Poll Worker Confirmation page. Poll worker checks Assistance Required box.





2 ASSISTANT SIGNATURE

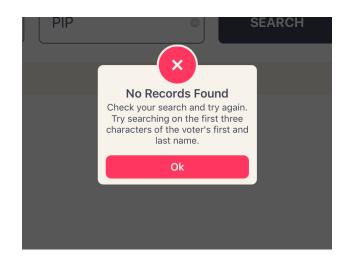
A pop-up will instruct the assistant to sign in the box below. Once signed poll worker presses **CONTINUE**. Poll worker then verifies voter's information and ballot style. If all is correct, press **SUBMIT**.



OPPOSE SED VOTER

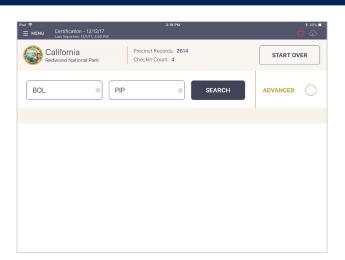
Good Job! You successfully processed the voter. Follow polling place protocol to direct voter to next polling station.

PROCESSING VOTERS | ADVANCED SEARCH



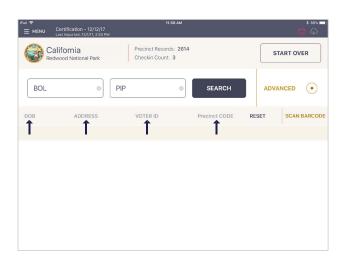
O VOTER NOT FOUND

If Manual Entry has been used to find a voter, and he or she is still not found, a pop-up will ppear reading, **No Records Found**. Press **OK** to go back to Voter Lookup.



O ADVANCED SEARCH

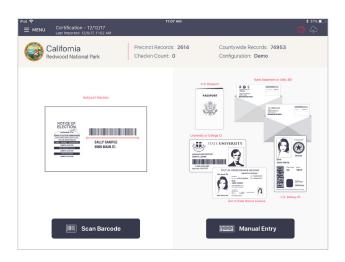
Once back on the Voter Lookup Screen, press **ADVANCED**.



63 SEARCH BY:

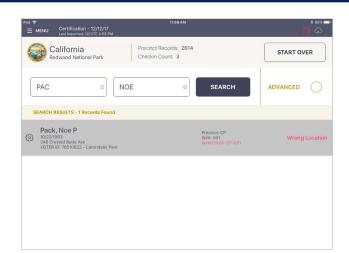
Lookup voter by using **DATE OF BIRTH (DOB), ADDRESS, VOTER ID,** etc., press **DONE** then **SEARCH**. If voter is found using Advanced Search, follow same protocol as manual entry to process voter.

PROCESSING VOTERS | WRONG LOCATION



LOOKUP VOTER

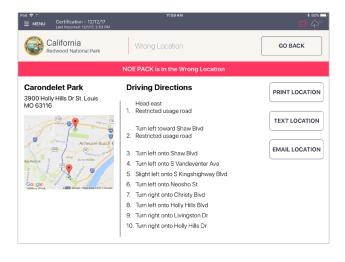
Lookup the voter's record using either Scan Barcode or Manual Entry intructions.



2 LOCATE VOTER'S RECORD

If the voter is at the wrong polling location, their record will be highlighted in gray and contain a status that reads "Wrong Location." Touch voter record.

Wrong Location

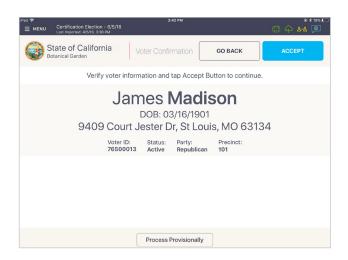


OPERATIONS

A popup will appear reading, "(Voter's Name) is in the Wrong Location." Correct polling location name and address will be provided. Direct voter to correct polling location. Press **GO BACK** then **START OVER**.

NOTE: Map will appear if using WiFi connectivity in polling location.

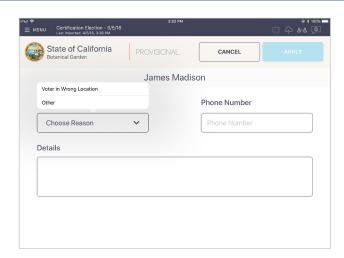
PROCESSING VOTERS | PROVISIONAL VOTER



LOOK UP VOTER

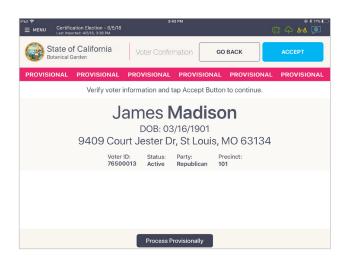
Lookup the voter's record using either Scan Barcode or Manual Entry instructions.

Poll worker to confirm all information on the screen. If voter fails to meet requirements to be processed he/she can vote provisionally, select **Process Provisionally**.



2 PROCESS PROVISIONALLY

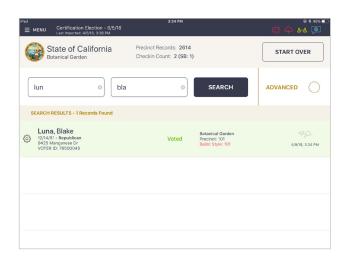
Select reason from drop-down menu and if available enter voter's phone number. Phone number is NOT a required field. When finished, press **APPLY**.



6 POLL WORKER CONFIRMATION

A new screen will appear. Poll worker to confirm all information on the screen. If the voter record is correct, press **ACCEPT** to continue voter check-in.

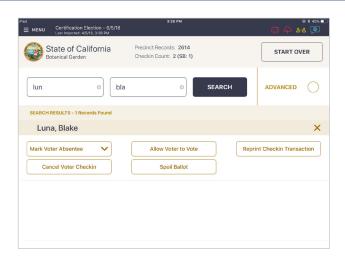
PROCESSING VOTERS | SPOILED BALLOT



10 LOOK UP VOTER

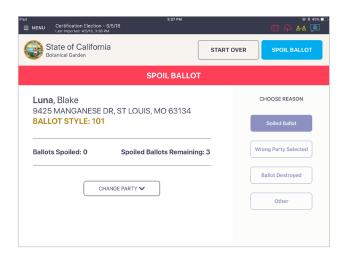
Lookup the voter's record using Manual Entry instructions.

Once voter record has been located, access the advanced functions menu by selecting the gear icon and providing the password.



2 SELECT SPOIL BALLOT

Select **Spoil Ballot** from the Advanced Functions menu.

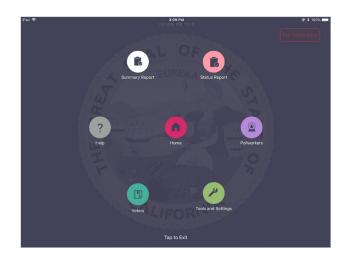


3 SELECT SPOIL REASON

A new screen will appear. Poll worker to select reason for spoiling ballot. Once selected, press **SPOIL BALLOT** to complete the process.

NOTE: During primary elections, select party of re-issued ballot.

PROCESSING VOTERS | SUMMARY REPORT



11 MENU

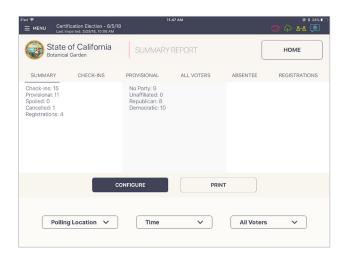
To access Summary Report contained in the Poll Pad, press **MENU** > **Summary Report**.



2 ENTER PASSWORD

The Poll Pad may ask for a password. Enter the password and press **Done**.

*Consult Elections Office to obtain password.



3 SUMMARY REPORT

The Summary Report data can be filtered by type using the headers across the top of the screen.
Use the **CONFIGURE** button at the bottom of the screen to sort and print the desired information.

CLOSING PROCEDURES

CLOSING PROCEDURES | SECURE POLL PAD SUPPLIES



O PACK POLL PAD CASE

Disassemble the Poll Pad and return the supplies to the Poll Pad Case.

Close the lid and secure.

- Green Case
- 2 Poll Pad & Stand Arm
- 3 Poll Pad Base
- Power Cube and Cord
- **6** (2) Stylus
- 6 Photo ID Tray
- 7 iPad Screen Cloth
- 8 Printer

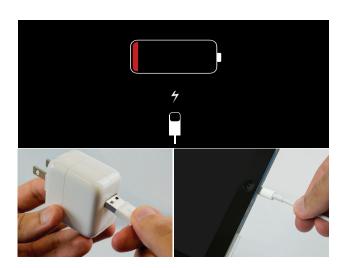


2 RETURN SUPPLIES

Return Poll Pad Case to the Election's office on election night, along with other precinct supplies.

NOTE: To ensure accuracy, remember to place the Poll Pad supplies in the appropriate case/tote.

HELP DESK



CHARGING POLL PAD

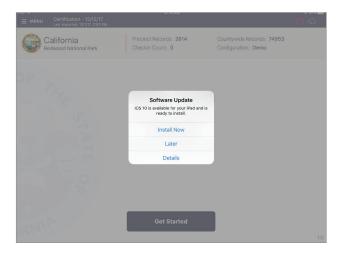
- 1 Plug USB end of power cable into power cube
- 2 Plug power cube into an AC wall outlet
- 3 Plug power cable into Lightning Connector on Poll Pad
- Wait about five minutes for the Poll Pad to charge
- Once there is sufficient power, Poll Pad will auto power on
- **6** Resume normal operations

NOTE: To confirm your unit is charging, verify battery icon is green and lightning bolt is displayed.



OPENING POLL PAD

- If application does not automatically launch when powered on, touch the Poll Pad App at the bottom of the Home Screen
- 2 Verify the California homepage displays on screen



iOS SOFTWARE UPDATE

DO NOT perform a software update on the Poll Pad. In the unlikely event that an iOS update prompt displays on the device, perform the following steps:

- 1 Touch Later from the list of on screen options
- 2 Press the Home button and verify Poll Pad app remains open

HELP DESK



POLL PAD SCREEN IS UNRESPONSIVE

- Unplug unit from power source (electrical outlet, battery, etc.)If the Poll Pad screen is unresponsive, perform the
- following steps:

 2 Hold down the Sleep/Wake and Home buttons
- simultaneously
- Release both buttons once the Apple logo displays on screen
- 4 After application launches, return to previous activity.





NOT PRINTING / STOPS PRINTING

- Make sure the printer is turned 'ON.'
- 2 Confirm the printer is plugged into outlet and cords are securely connected.
- 3 Check paper is installed correctly.
- 4 Confirm connection with Poll Pad (green icon).



CHANGING PAPER

- Open printer
- Reload paper with the paper flap toward you, feeding from the bottom/underneath roll.
- Close and Print Test Receipt

POLL PAD | IMPORTING VOTER FILE



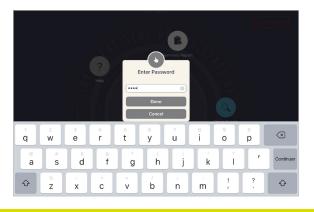
O SELECT MENU

Select the **Menu** button in the upper left corner.



2 TOOLS & SETTINGS

Select the Green Tools and Settings circle.



3 ENTER PASSWORD

know is the default password.



O PRE ELECTION

Select **PRE ELECTION** on the left panel.

POLL PAD | IMPORTING VOTER FILE



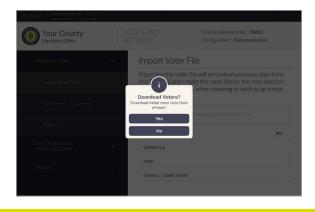
IMPORT VOTER FILE

Select **Import Voter File** under the **PRE ELECTION** drop down menu.



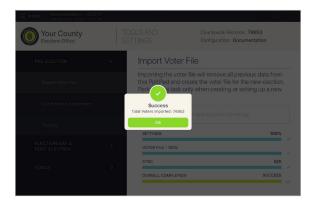
O IMPORT NEW ELECTION VOTER FILE

Select IMPORT NEW ELECTION VOTER FILE on the right side of the screen.



DOWNLOAD VOTERS?

When asked to 'Download initial voter data from ePulse?' select **Yes**.



8 SUCCESS

When complete a 'Success' message will appear. Verify the number of Total Voters Imported and press **Ok**.

POLL PAD | EXPORTING VOTER HISTORY



O SELECT MENU

Select the **Menu** button in the upper left corner.



2 TOOLS & SETTINGS

Select the Green Tools and Settings circle.



3 ENTER PASSWORD

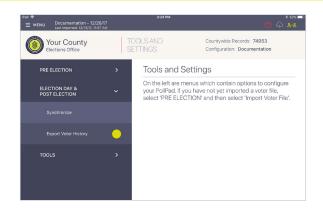
know is the default password.



4 ELECTION DAY& POST ELECTION

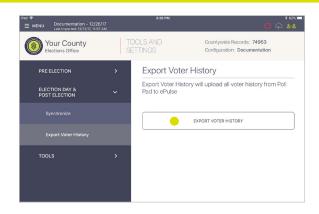
Select **ELECTION DAY & POST ELECTION** on the left panel.

POLL PAD | EXPORTING VOTER HISTORY



5 EXPORT VOTER HISTORY PT. 1

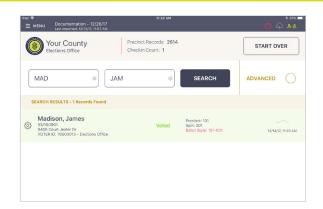
Select **Export Voter History** under the **ELECTION DAY & POST ELECTION** drop down menu.



G EXPORT VOTER HISTORY PT. II

On the right hand screen select **EXPORT VOTER HISTORY**.

POLL PAD | CANCEL VOTER CHECK-IN



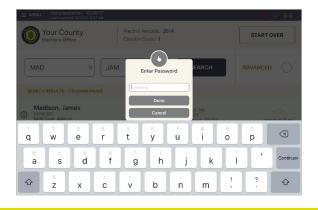
LOOK UP VOTER

Look up voter needed to cancel check-in. Enter the first three letters of last and first names.



PRESS SETTINGS BUTTON

Press the **Settings** icon which is located beside first letter of voter's last name.



ENTER PASSWORD

Enter the **Extra Functions Password** (password will be provided to you.)



CANCEL THE CHECK-IN

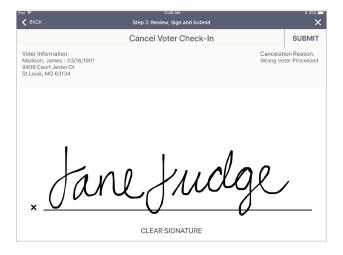
Press Cancel Voter Check-In.

POLL PAD | CANCEL VOTER CHECK-IN



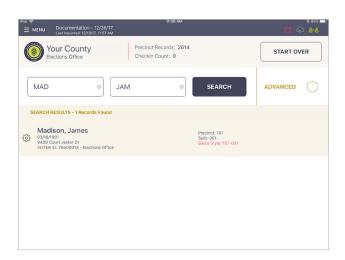
O POLLWORKER NAME & REASON

Election Judge canceling voter check-in enters their name. From the drop-down box, select reason. If you choose **Other** for reason, you must enter details to proceed. Press **NEXT**.



2 REVIEW, SIGN & SUBMIT

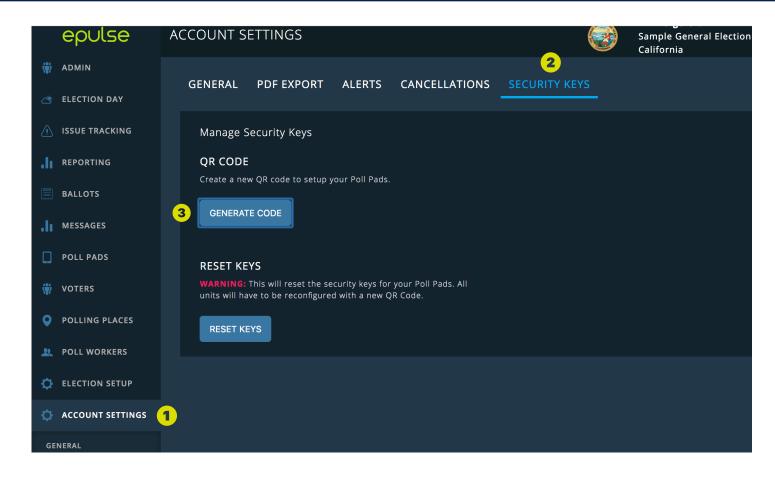
Election Judge must sign using their FULL NAME and press **SUBMIT**.



6 CHECK-IN CANCELED

Voter will be cleared from check-in count.

PROCESSING VOTERS | QR CODE & VOTER FILE IMPORT



When a Poll Pad application has been updated from Meraki, it will need reestablish secure server communication with ePulse by scanning a QR code.

OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONION OUTONI

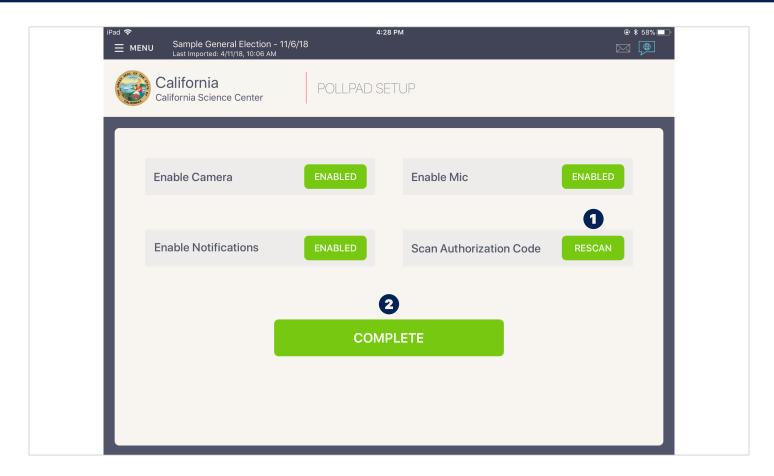
- Navigate to ACCOUNT SETTINGS > GENERAL
- **O** Click **SECURITY KEYS**
- **3** Under QR CODE, click **GENERATE CODE**

ePulse will generate a code to be scanned by the Poll Pad.

The code can be scanned from the computer screen, or printed off and scanned.

Note: QR codes expire after 24 hours. If your code expires, simply repeat step 1 to generate a new code.

PROCESSING VOTERS | QR CODE & VOTER FILE IMPORT



OSCAN QR CODE

On each Poll Pad:

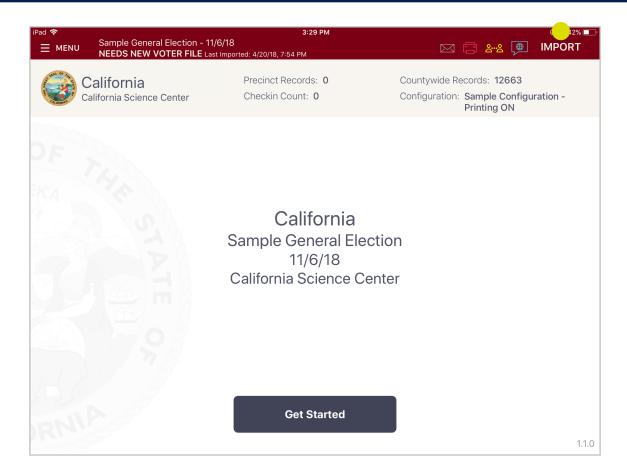
Scan Authorization Code: Press RESCAN

2 Press **COMPLETE**

Poll Pad will authenticate and retrieve settings. When authentication is complete, a green, **Settings Imported** success screen will pop up.

Press **Ok** on success popup.

PROCESSING VOTERS | QR CODE & VOTER FILE IMPORT

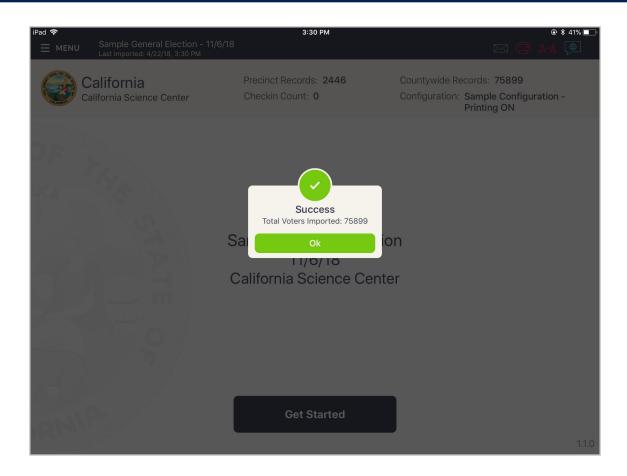


3 IMPORT NEW VOTER FILE ON POLL PADS

If your election is built in Epulse, then a red banner prompting to import the voter file for the current election will appear across the top of each Poll Pad. The banner will state **NEEDS NEW VOTER FILE**, with the name and date of the current election, and the last import date of a voter file on that Poll Pad.

Press IMPORT

PROCESSING VOTERS | QR CODE & VOTER FILE IMPORT



3 IMPORT NEW VOTER FILE ON POLL PADS

When download is complete, a green **Success** screen will pop up.

Verify the **total voters imported** that display on the success pop up.

Press Ok.

POLL PAD | GUIDED ACCESS SETUP

To activate Guided Access Mode, launch the Poll Pad Application.

Then, press the Home button three times quickly.

- Select "OPTIONS" in the Lower Left corner
- Enable "SLEEP/WAKE BUTTON"
- Leave "VOLUME BUTTONS" off
- Enable "KEYBOARDS"
- Enable "MOTION"
- Select "START" in the Upper Right Corner
- Enter a password
- Enter the password again

End Guided Access:

- Press the Home button three times quickly.
- Enter the four- or six-digit passcode.
- Press End in the upper-left corner of the screen to disable Guided Access Mode.

POLL PAD | HARD RESET

The following procedure is referred to as a "Hard Reset" and is to be utilized in any instance of the Poll Pad Application or the iPad itself becoming unresponsive to user commands.

- Unplug unit from the power source (electrical outlet, battery, etc.)
- Perform the following steps:
 - O Hold Down the Sleep/Wake & Home buttons simultaneously
 - 3 Release both buttons once the Apple logo displays on screen
 - After the Poll Pad application opens, verify that the "Check-In Count' is unchanged



epulse Setting Up an Election

California - How to Guide



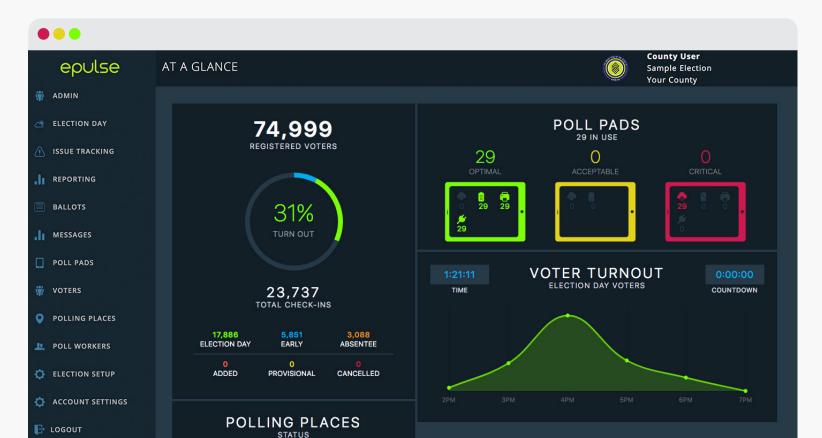


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Logging In

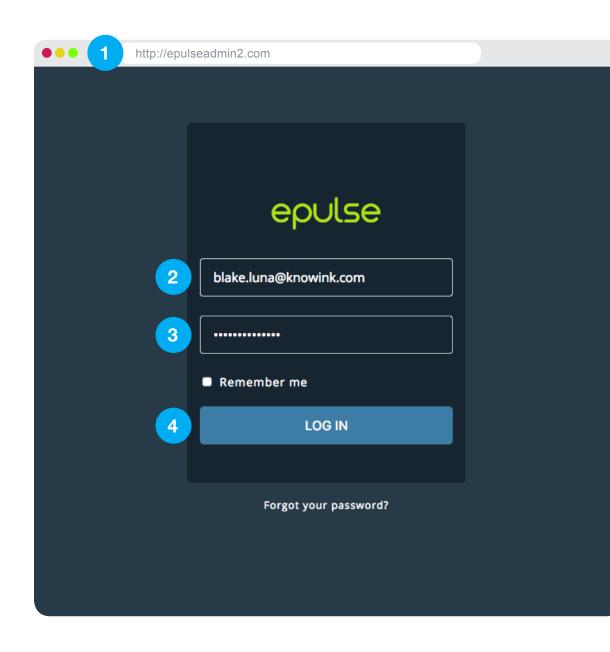
ePulse can be accessed from your desktop or any device with an internet browser. Log In credentials will be sent to the user's email account.

To access your ePulse Account:

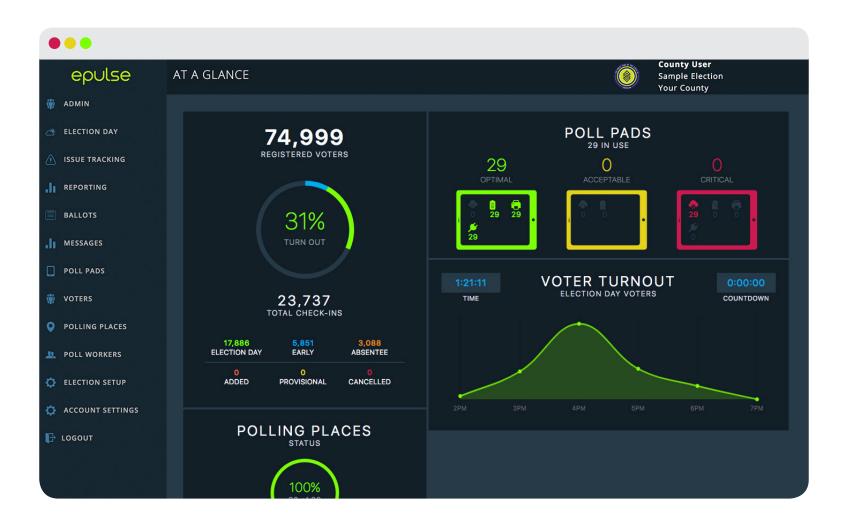
Open a Web Browser

- 1 Enter http://epulseadmin2.com in the address bar and press "enter"
- 2 Enter your email address
- 3 Enter Password
- 4 Click LOG IN

*Please Note: If you have forgotten your password, simply click **Forgot Your Password?** to have a reset link sent to your email.



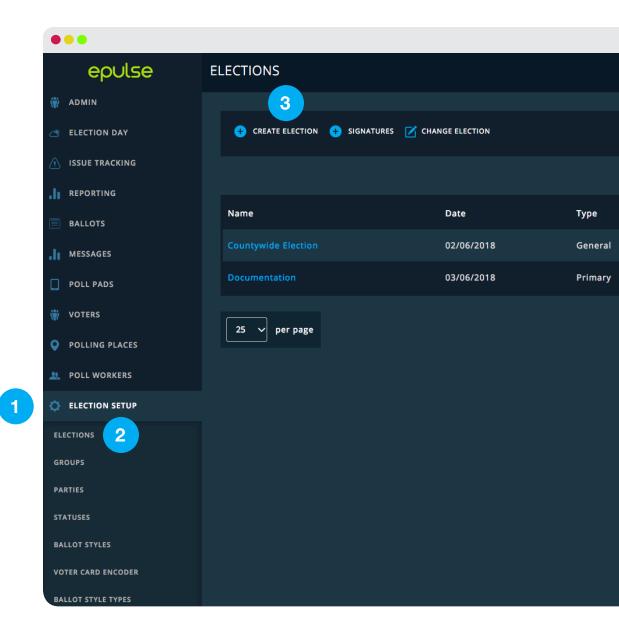
Upon logging in to your ePulse account, you will be directed to the election day AT A GLANCE page.



Creating an Election

From the Election Day page, utilize the left hand menu.

- 1 Select **ELECTION SETUP.**
- 2 Select **ELECTIONS**.
- 3 Select CREATE ELECTION.



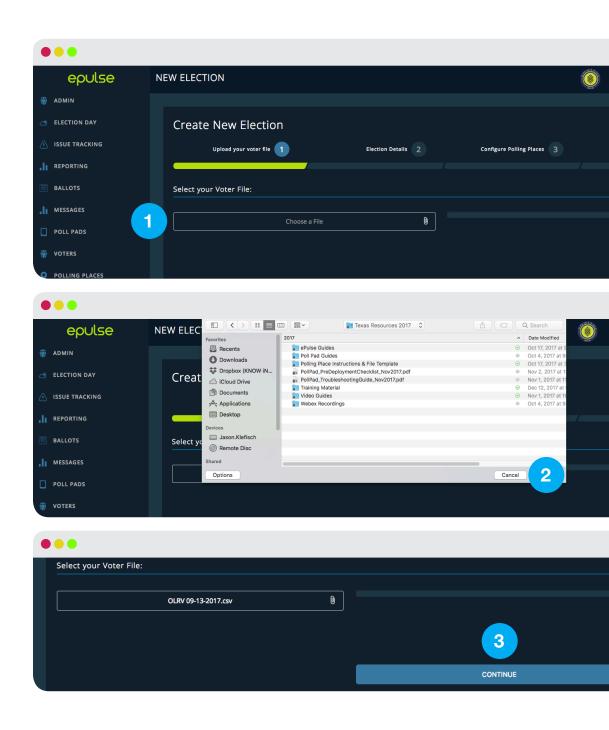
Loading Your Voter File

Please follow instructions from your voter registration system to create the applicable import files for your election.

Choose a File:

- 1 Choose your voter file by clicking Choose a File.
- A file viewer will drop down. Select your **Voter File** (.zip; .csv; or .txt format) and click **Open.**
- 3 Select CONTINUE.

Important: DO NOT open the files and resave them. ePulse is designed to accept data files as formatted by your voter registration system(s).



Election Details:

The status of the file upload is displayed on the right side of the screen. During this time, fill out the necessary fields defining the details of the election.

- 1 Election Name: Name of current election to be displayed on Poll Pads.
- 2 Election Code: If your VR system does not require an election code; enter any unique three digit code.
- 3 Start Date & Time: The Start Date/
 Time should reflect the date and time
 the polls open on Election Day.



continued on page 8

Election Details (cont.):

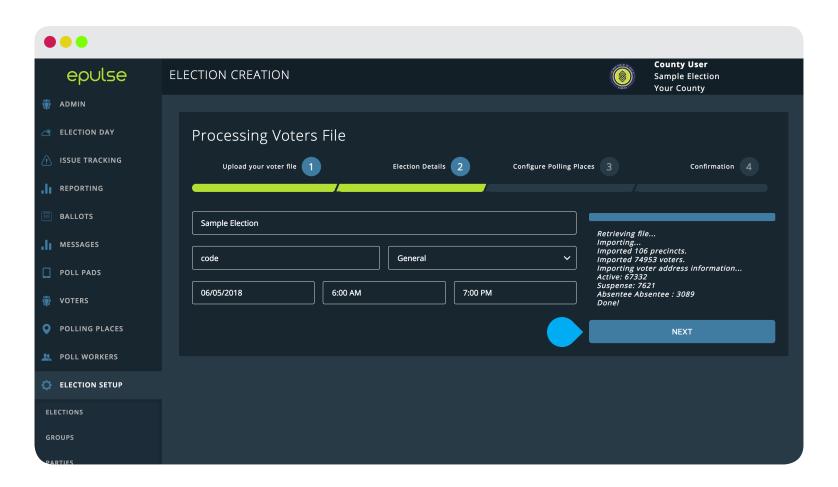
- 4 End Date & Time: The End Date/
 Time should reflect the date and time
 the polls close on Election Day.
- 5 Election Type: Choose either
 GENERAL or PRIMARY. The primary
 automatically setting enables party logic.



Once these fields are completed, verify that all imported data totals in ePulse are correct by matching against the data from your voter registration system.



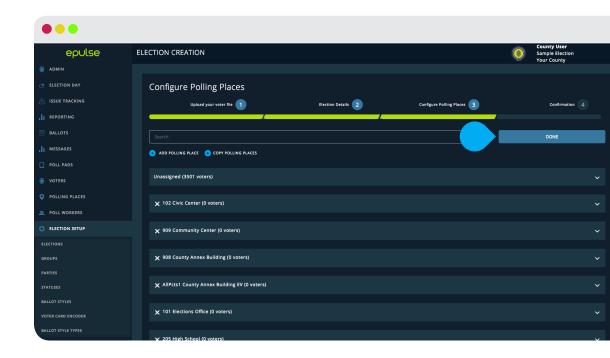
Verify the numbers of precincts, voters, addresses, and all data points that have populated on the right side of the page. If imported data counts match your records, press NEXT.



Verifying Polling Locations

Things to Note:

- If you have made any Polling Location changes between Elections, please verify these changes are reflected before proceeding.
- If you moved any Precincts and Splits between locations, please verify the changes are reflected.
- Polling Locations can be edited after an Election has been created.
- Verfiy that there are no "unassigned" voters listed at the top of the page.
- Verify that your list of polling locations match the locations from your voter registration system, Click **DONE**.

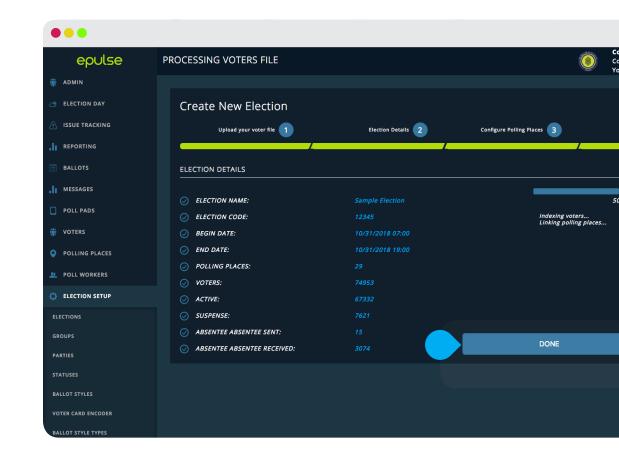


Election Confirmation Page

Review the Election Details presented on the left hand side.



Verify against the data from your voter registration system. **Click DONE.**

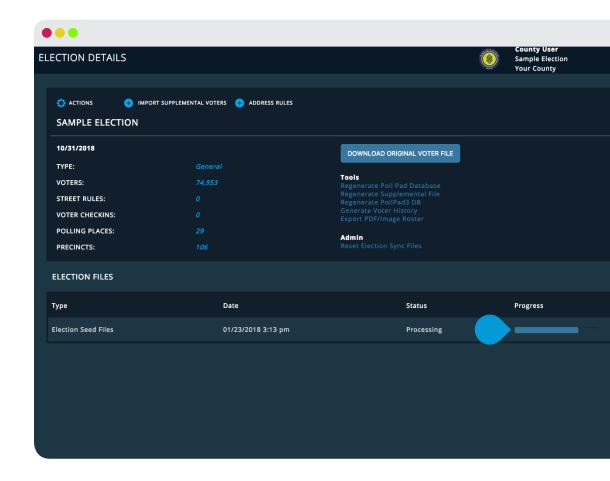


ePulse will generate the voter database used for your election.



Progress may be monitored on the right side of the screen.

When finished processing ePulse will automatically redirect you to the **ELECTION DETAILS** page.

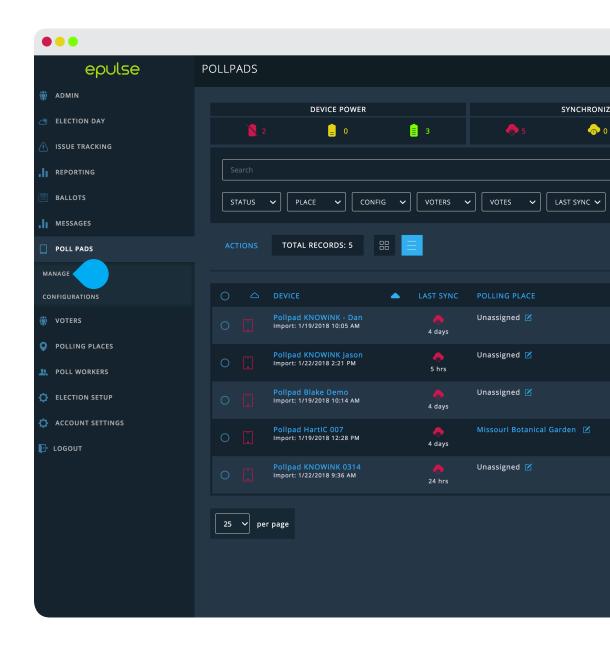


Assigning Poll Pads

Polling Assignments and Configurations do NOT reset between Elections.

Using the left hand menu, navigate to the **POLL PADS** tab, then select **MANAGE.**

NOTE: Polling place assignments and configurations do **NOT** reset between elections if polling places have not changed. ePulse retains assignments based on polling place IDs.

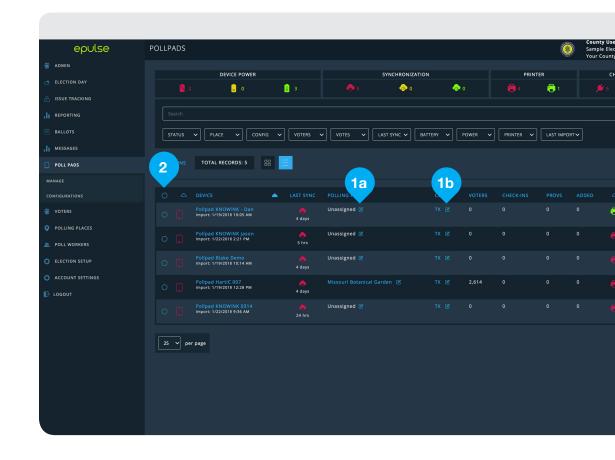


Assigning Poll Pads (cont.):

Poll Pad assignments and settings are managed centrally through ePulse.

The Poll Pads page allows the ability to edit and monitor your Poll Pads. Any changes in polling places will reflect as unassigned POLLING PLACE and CONFIG assignments fo affected Poll Pads.

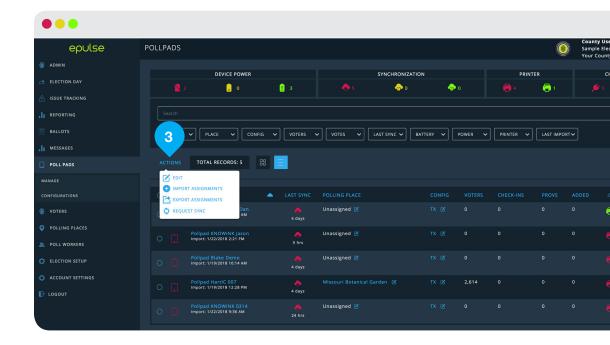
- 1 Edit Individual Polling Place and Configuration Profile assignments by clicking the **EDIT** button.
- 2 Select Poll Pads by clicking the blue circle to the left of the **Device Name**.
 - Edit multiple Poll Pads by selecting multiple devices.

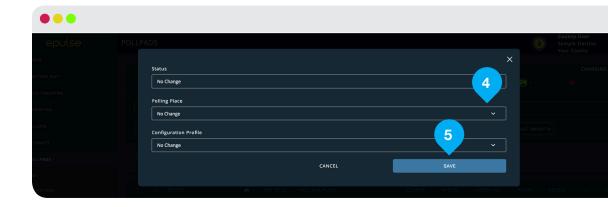


Assigning Poll Pads (cont.):

- 3 Select **ACTIONS > EDIT.**
- 4 Polling Places and Configurations may be assigned to the Poll Pads using the drop down menus.
- 5 Click **SAVE**

You are now ready to import the newly created election onto each Poll Pad.



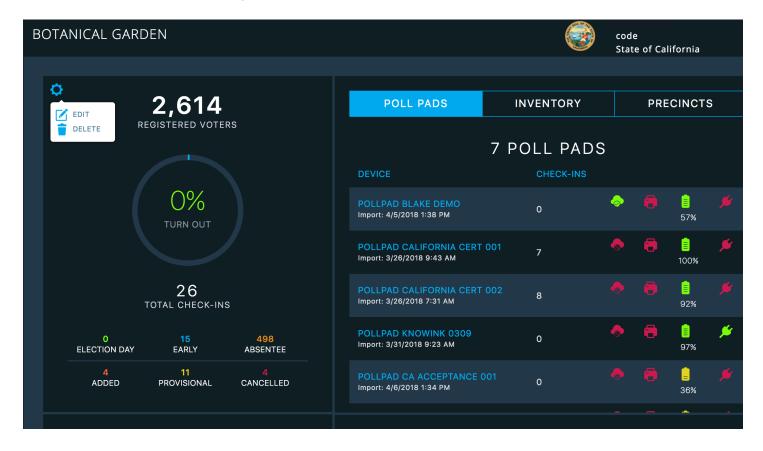


KNOWINK | POLLING LOCATION TYPES

ePulse provides the ability to configure your jurisdiction's polling locations to meet your particular specifications. Polling locations will be created on import of your voter file.

To edit your polling locations:

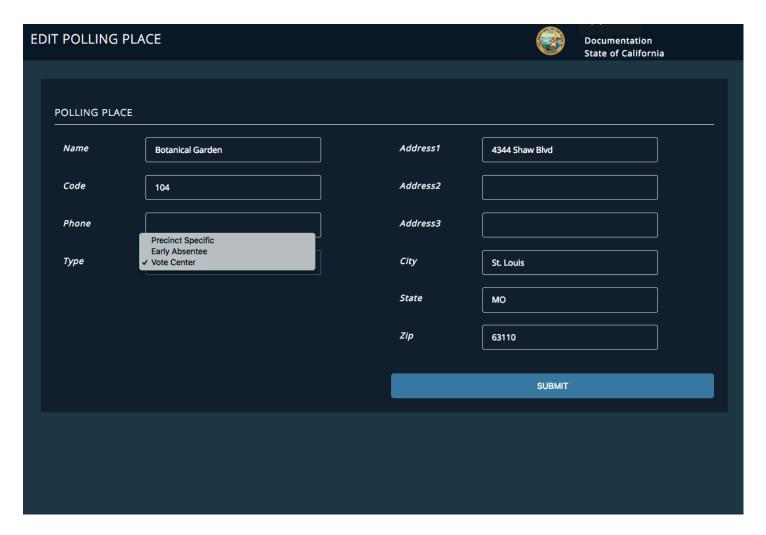
- Navigate to the polling locations page.
- Select the desired polling location.
- Select edit from the top left corner.



KNOWINK | POLLING LOCATION TYPES

The three available types of polling locations are as follows:

- Precinct Specific: Allows for the assignment of particular precincts and splits to an
 individual location. All voters within the assigned precincts will be allowed to vote,
 all other precinct and splits will be labeled "Wrong Precinct".
- Early Absentee: A polling location with this designation will be set to allow all voters jurisdiction wide to be processed. No voters will be labeled "Wrong Precinct".
 Typically used to notate early voting locations.
- Vote Center: A polling location with this designation will be set to allow all voters jurisdiction wide to be processed. No voters will be labeled "Wrong Precinct".
 Typically used to notate election day vote center locations.



epulse Advanced Functions

How to Guide



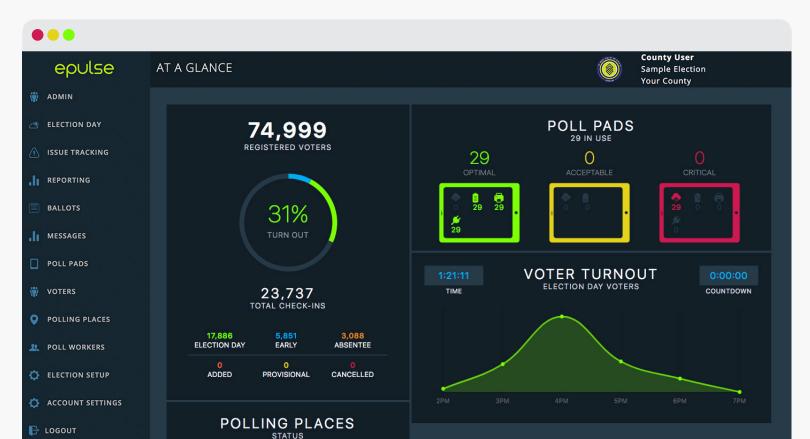


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Ballot Styles

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Users

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Prompts

Introduction:

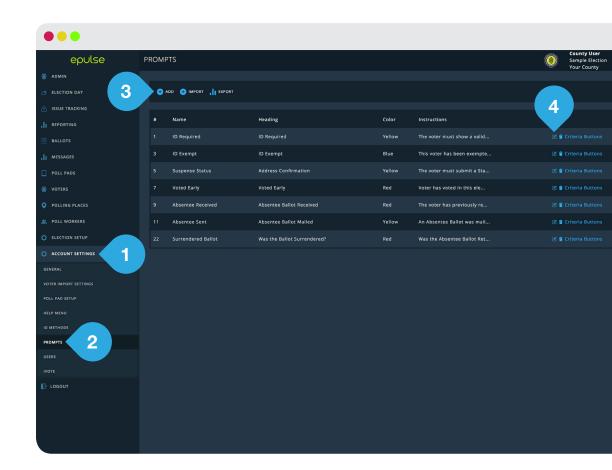
Prompts display customized messages to Poll Workers to help guide them through the correct steps for processing voter statuses frequently encountered on Election Day. Creating a prompt is a three step process:

- 1. Edit the Text Content for the prompt. This will display on the Poll Pads.
- 2. Set the **Criteria** that will trigger the prompt to be displayed. This ties the prompts to display for the proper voter statuses.
- 3. Create **Buttons** to allow the Poll Worker to process the voter on the Poll Pad. This will display on the Poll Pads.

Prompts: Setting Up a Prompt

Navigate to **Prompts**:

- 1 Click ACCOUNT SETTINGS.
- 2 Click PROMPTS.
- 3 To create a new Prompt click + ADD.
- To edit an existing prompt, click the **EDIT** icon to the right of the desired prompt.



Setting Up a Prompt (cont.)

Prompt details:

Name: Set the name for administrative purposes.

Heading: Customize prompt title. This displays on the Poll Pad in the prompt heading.

Color: Sets the color of the Prompt banner.

Order: Sets the priority in which the prompts will display when a voter has more than one applicable status that trigger prompts.

Show Voter Info: Enable to display the Voter's name and address within the prompt.

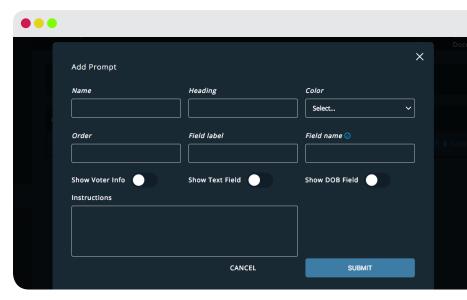
Show Text Field: Enable to display a free entry text box for the Poll Worker to input notes.

Show DOB Field: Enable to display the Voter's Date of Birth within the prompt.

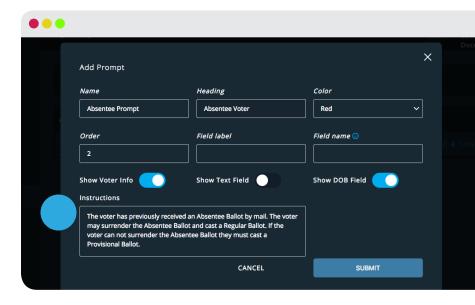


Instructions: Enter the information to be displayed on the Prompt to properly guide the poll worker.

Blank Prompt:



Completed Prompt:

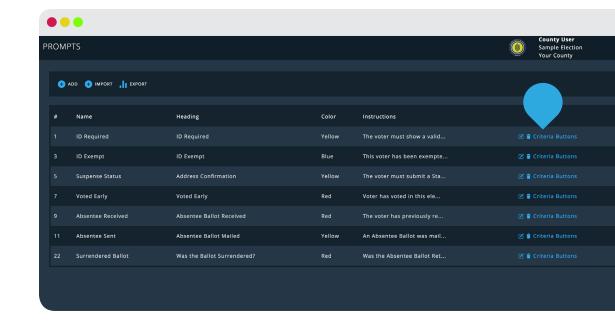


Prompts: Setting Criteria

Setting the Criteria tells the Prompt when to display.

Creating and editing Criteria:





Setting Criteria (cont.):

Criteria details:

All Voters: Enables the prompt on any voter processed.

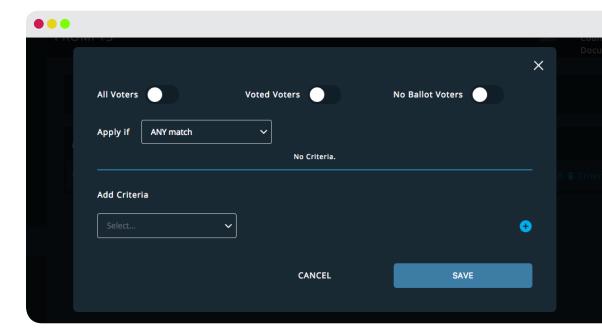
Voted Voters: Enables the prompt on any voter marked "Voted".

No Ballot Voters: Enables prompt on any voter who has no ballot style available.

Apply If: Leave on default, unless otherwise dictated.

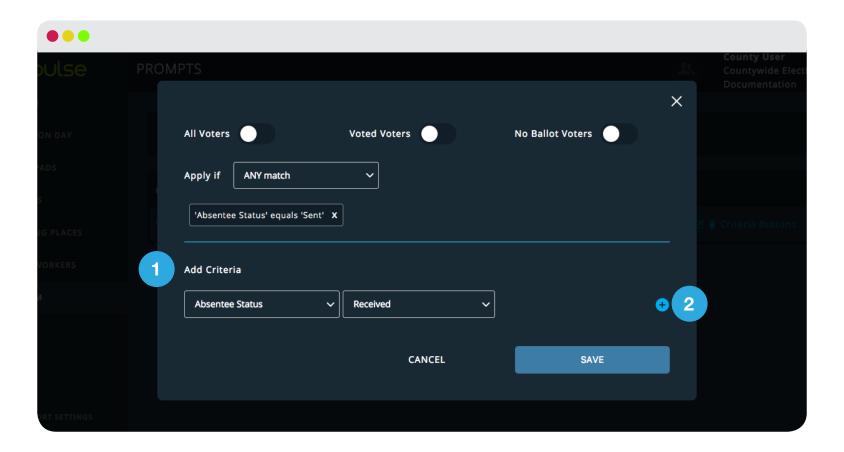
Add Criteria: Select from a list of predefined criteria for triggering your prompt.

Blank Criteria:



Setting Criteria (cont.):

- 1 Use **Add Criteria** to add the functionality to your prompt.
- 2 After choosing your desired Criteria use the + button to add the functionality.

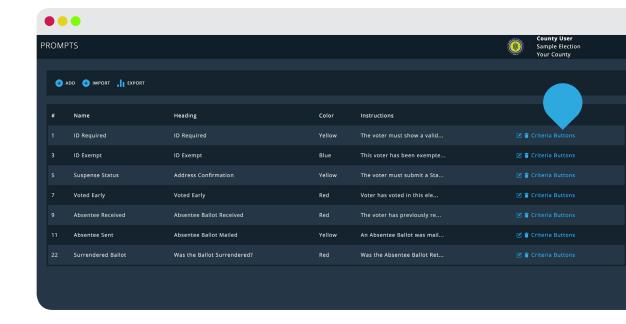


Prompts: Setting Buttons

Buttons direct the Poll Worker through the correct process to finish checking-in the voter.

Creating and editing Buttons:





Prompts:

Setting Buttons (cont.)

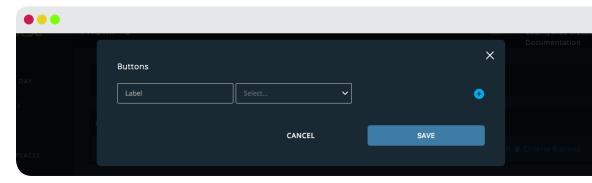
Buttons details:

Label: This is the text that will display on the button itself and should be reflective of the action completed when the button is utilized.

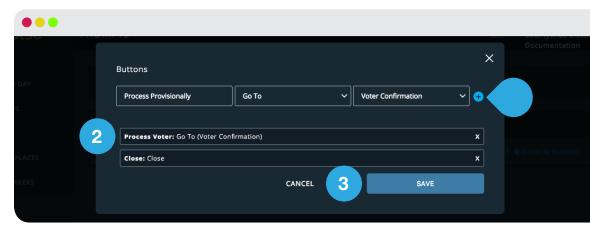
Select: This allows you to select the action attached to the button you are creating.

- 1 After choosing your desired layout, use the **button** to add the functionality.
- 2 You many click and move the buttons you have added to arrange the order they will (vertically) display on the Poll Pad.
- 3 When finished, click **SAVE**.

Blank Buttons:



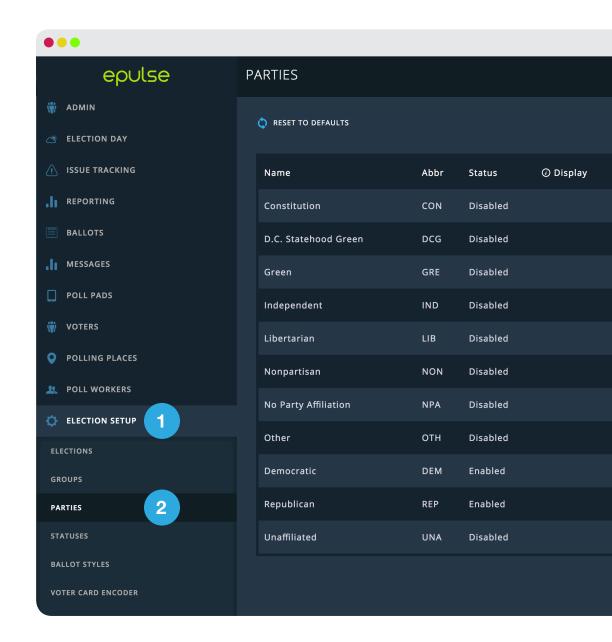
Buttons completed:



Parties

The Parties page in ePulse controls which parties will be displayed on the Poll Pad application while processing a voter during a **Primary** Election.

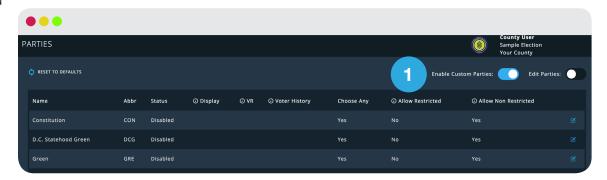
- 1 Click ELECTION SETUP.
- 2 Click PARTIES.

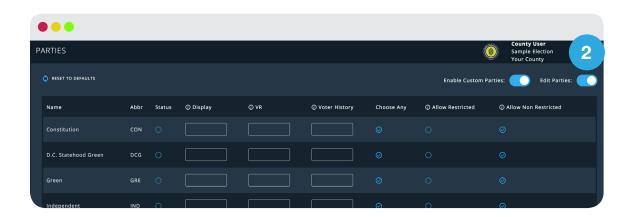


Parties (cont.):

Each party is listed with its current status and any custom account labels already entered.

- The **Enable Custom Parties** toggle should be turned on for use during a Primary Election.
- The most efficient way to edit party information is by turning on the **Edit**Parties toggle.





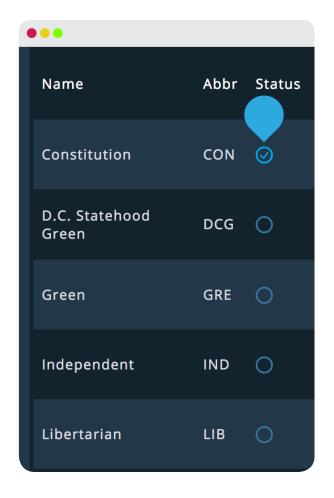
Parties (cont.):



To enable or disable a party, **click the circular graphic** under status. You will see a check mark appear, indicating the party has now been enabled.

All Parties relevant to your current election eycle must be **ENABLED**.

All Parties NOT relevant to your current Election Cycle must be **DISABLED**.



Parties (cont.):

Optional Settings:

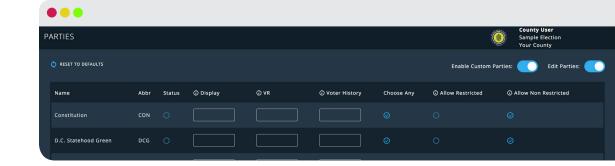
Display: This sets how the Party will display to the Poll Worker in the Poll Pad application.

VR: This field must match the Party designation from your Voter Registration System. This allows individual voters to be matched to the relevant party. Entry must be an **exact** match (i.e. capitalization, spelling, abbreviation).

Voter History: This field sets the value that ePulse will provide your Voter Registration System upon export of the Voter History information post election. Entry must be an exact match to the value your VR system expects for imports (i.e. capitalization, spelling, abbreviation).

Choose Any: When enabled, this makes the party a Non-Restricted Party, allowing any other party ballot available to the voter.

continued on page 15...



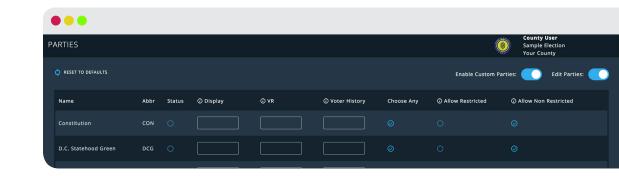
Parties (cont.):

Optional Settings: (cont.)

Allow Restricted: Will allow other restricted parties to choose this party.

Allow Non-Restricted: Will allow a Non-Restricted Party to choose this party.

For assistance with setting up party logic, please contact Customer Support.

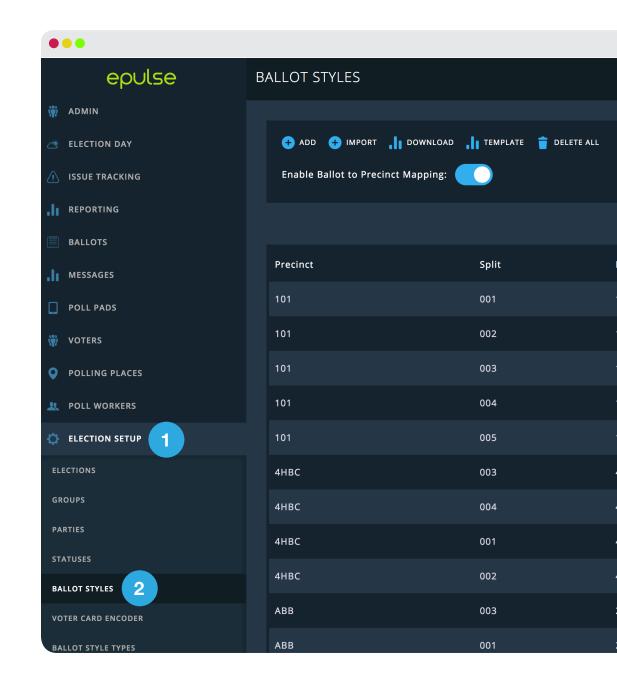


Ballot Styles Page

The Ballot Styles page displays all the unique precincts and ballot styles that have been created for the current election.

Navigate to the Ballot Styles Page:

- 1 Click **ELECTION SETUP.**
- 2 Click BALLOT STYLES.



Ballot Styles (cont.):

Ballot Styles Page details:

Add: Allows you to add a new precinct and ballot style assignment.

Import: Allows you to load an import file of custom precincts and ballot styles.

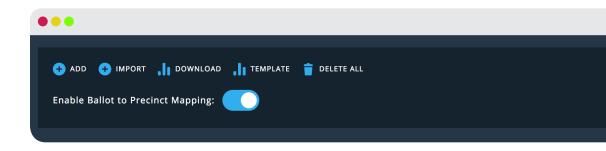
Download: Will download a copy of the current precinct and ballot style assignments contained on the Ballot Styles page.

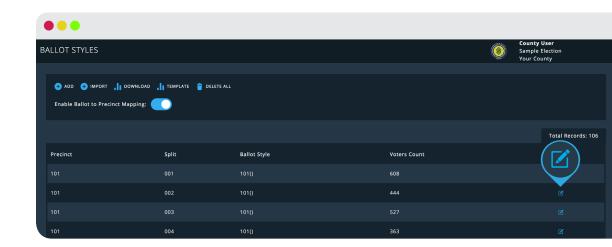
Template: Will download a blank copy of the template used to properly import ballot styles.

Delete All: The user will have to type "DELETE" into a text box to confirm the action.



You can edit individual Precincts by using the **EDIT** button on the desired record.





Importing Custom Ballot Styles

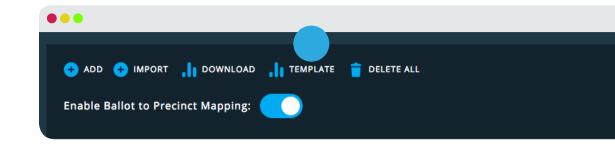
The most efficient way to set custom ballot styles is by creating a Ballot Styles File for import into ePulse.



Click the **TEMPLATE** icon at the top of the page.

ePulse will produce a Template for you to complete and upload back into ePulse.

Precinct and Splits will be included in the file, along with the headers for the other fields available for import.



Blank Template:

ı		A	В	C	D	Е	F				
ĺ	1	precinct	split	party	ballot_style_name	ballot_style_code	num_ballots_sent				
ı	2	121	BS5								
Ī	3	121	BS3								
	4	122	BS5								

Ballot Style Template details:

Precinct: Will come prepopulated with information from ePulse. Do **NOT** edit.

Split: Will come prepopulated with information from ePulse. Do **NOT** edit.

Party: Leave blank for a **general** election. Fill in party abbreviation for a **primary** election.

Ballot_Style_Name: Where the custom ballot style name will be entered for the corresponding precinct and split. Example: (121-City). This field displays on the Poll Pad and on the printed ticket (where applicable).

Ballot_Style_Code: Typically corresponds with data entered in the Ballot_Style_Name field. Example: (121-City). This field should match the ballot style code you program into your voting machines for the corresponding precinct and split.

Num_Ballots_Sent: Leave Blank. Not a required field.

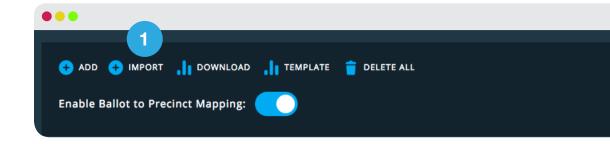
Template completed:

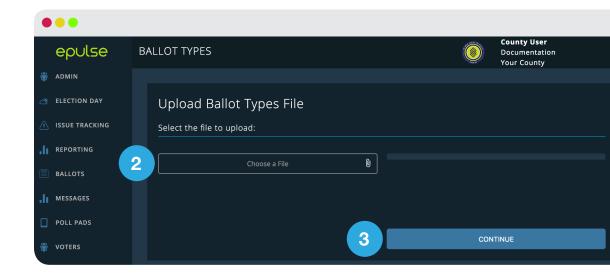
	A	В	C	D	E	Ē					
1	precinct	split	party	ballot_style_name	ballot_style_code	num_ballots_sent					
2	121	BS5		121-City	121-City						
3	121	BS3		121-ISD	121-ISD						
4	122	BS5		122-County	122-County						

Once finished, please save the completed file as a .csv for upload back into ePulse.

- 1 Click IMPORT.
- 2 Click Choose a File.
- 3 Click CONTINUE.

Once uploaded, please proof the edited information to ensure it reflects your desired input.



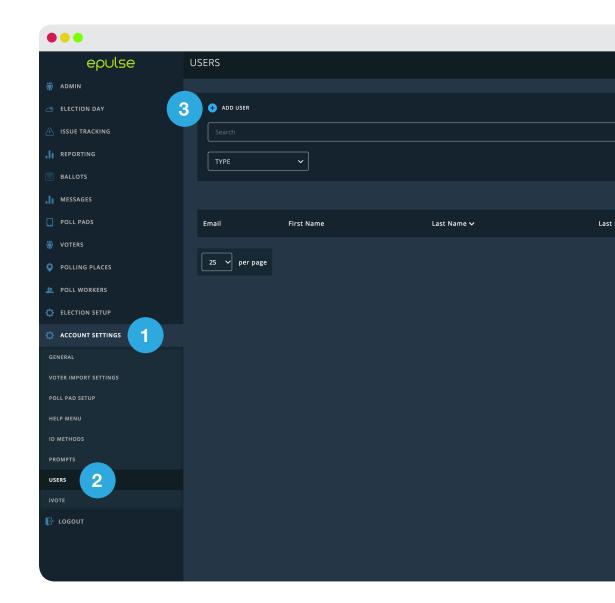


Users

An administrative user is responsible for setting the roles for other users within their organization who need or require access to voter data in ePulse.

Adding a User:

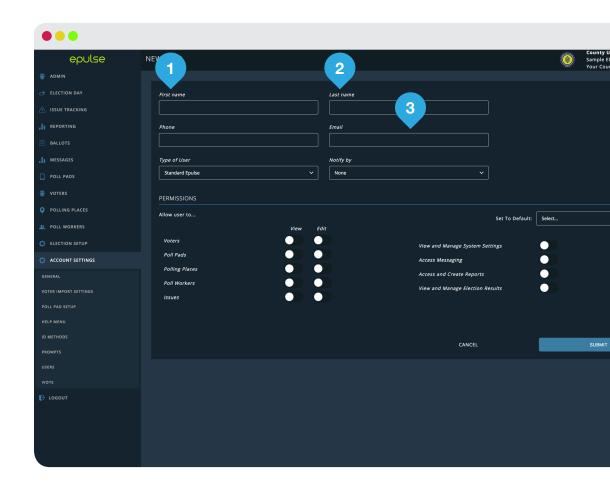
- 1 Click ACCOUNT SETTINGS.
- 2 Click USERS.
- 3 Click + ADD USER.



Users (cont.):

Only the following fields are required:

- First name
- 2 Last name
- 3 **Email:** An activation email will be sent to this address. The email will contain a link prompting the new user to set a password.



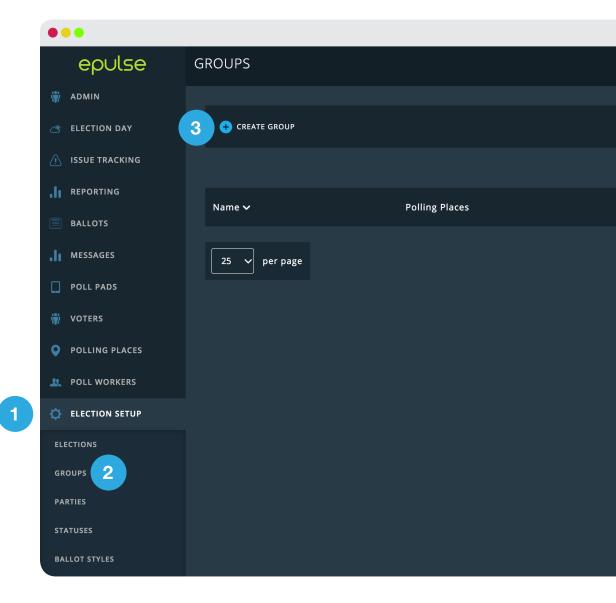
Groups

Groups in ePulse allow administrators to limit the information available to individual users.

Users can be assigned to a polling location and will only be able to view and edit data relevant to their assigned polling location(s).

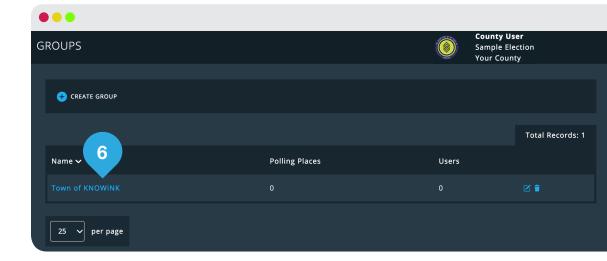
Creating a Group:

- 1 Click ELECTION SETUP
- 2 Click GROUPS
- 3 Click CREATE GROUP

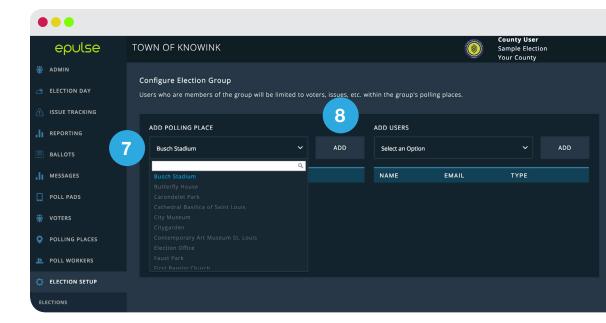


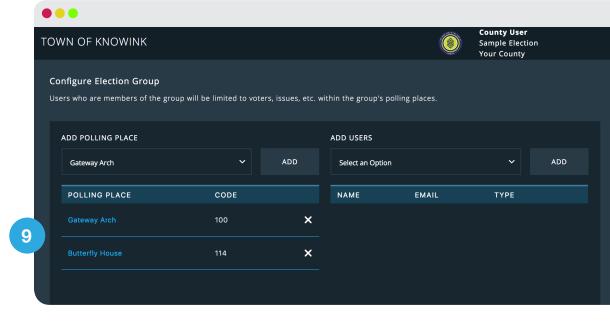
- 4 Name the group you are creating.
- 5 Click **SAVE.**
- 6 Assign users to the newly created Group by selecting name(s).





- 7 Select relevant polling location(s).
- 8 Click ADD.
- 9 Once added, polling places attached to this group will be displayed.

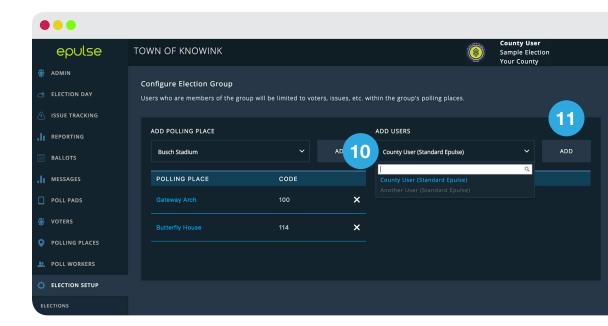


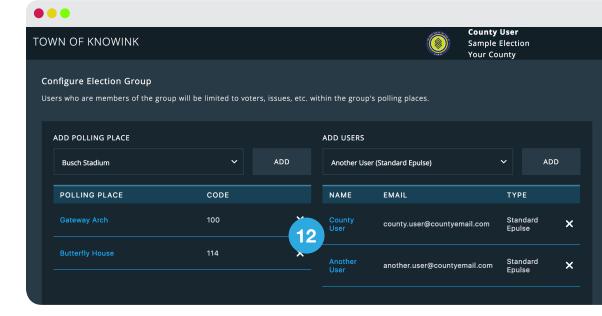


- 10 Select desired User(s).
- 11 Click ADD.
- Once added, users attached to this group of polling places will be displayed.

Note: Changes/updates automatically save.

Navigate back to the Groups page to repeat
this process for additional Groups.





epulse Users & Groups

How to Guide



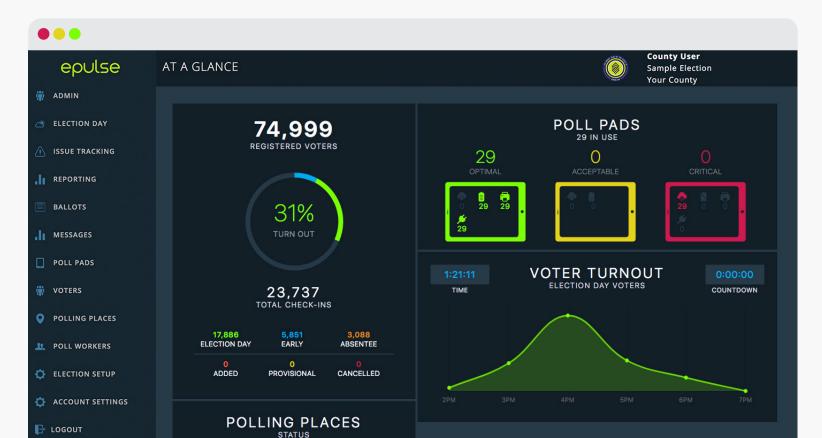


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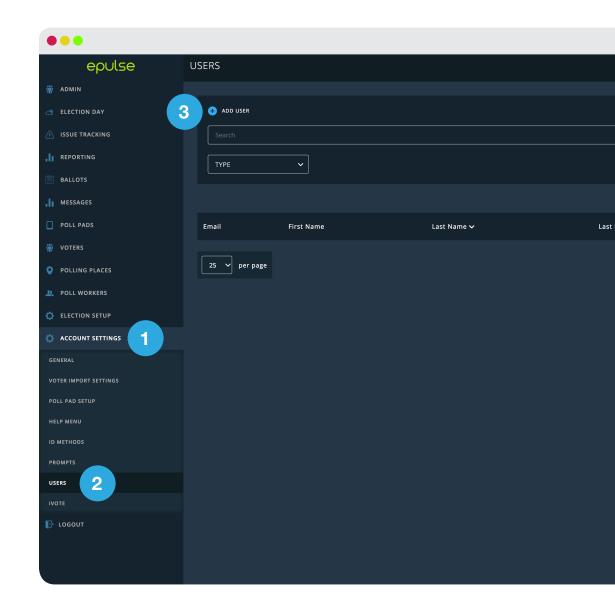
Groups

Users

An administrative user is responsible for setting the roles for other users within their organization who need or require access to voter data in ePulse.

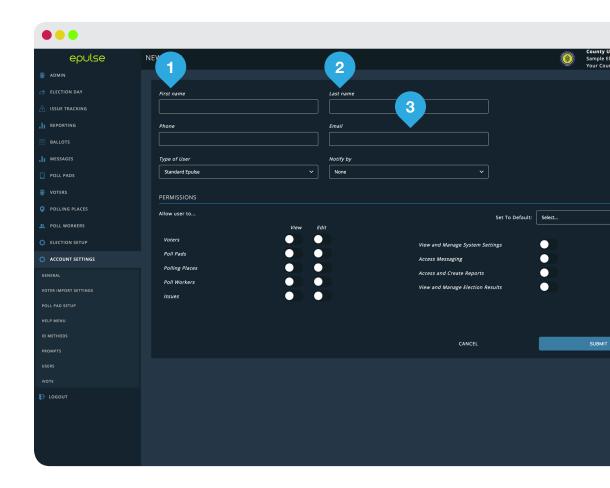
Adding a User:

- 1 Click ACCOUNT SETTINGS.
- 2 Click USERS.
- 3 Click + ADD USER.



The following fields are required:

- 1 First name
- 2 Last name
- 3 Email: An activation email will be sent to this address. The email will contain a link prompting the new user to set a password.



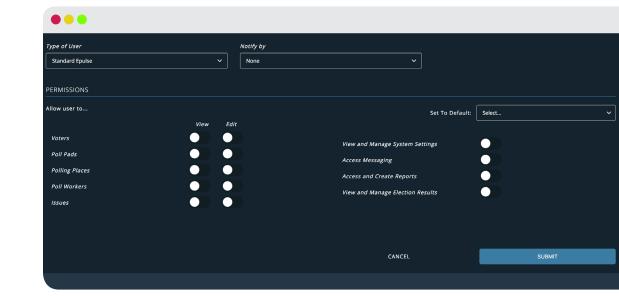
Setting User Permissions

Each user must be assigned Permissions.

You can customize user access to each ePulse page. Each user can be assigned **View Only** or **Edit permissions**.

View Only: Allows the user to only view data.

Edit: Allows the user to view and edit data.



New User Page details:

Voters: Allows access to the Voters page.

Poll Pads: Allows access to the Poll Pads page.

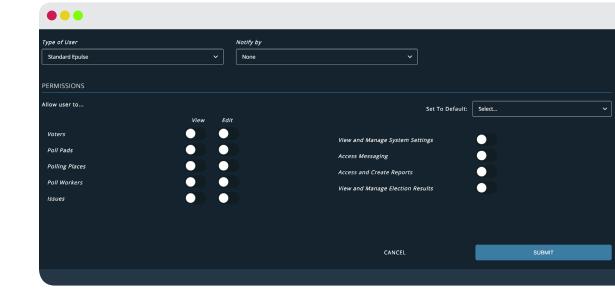
Polling Places: Allows access to the Polling Places page.

Poll Workers: Allows access to the Poll Workers page.

View and Manage System Settings: Allows user to view and edit System Settings.

Access Messaging: Allows user access to the Messaging System (if applicable).

Access and Create Reports: Allows user access and generate reports.



Predefined User Settings

Several predefined user setting options are available.

Election Day Only: Provides view only access to the Election Day dashboard.

Basic: View Only permissions for Voters, Poll Pads, Polling Places, and Poll Workers.

Coordinator: View Only for Voters, Poll Pads, Polling Places, and Poll Workers Access granted to the Messaging system.

Manager: View and Edit permissions granted for Voters, Poll Pads, Polling Places, and Poll Workers, access granted to the Messaging system.

Admin: Full administrative rights including Election Creation; User administration.



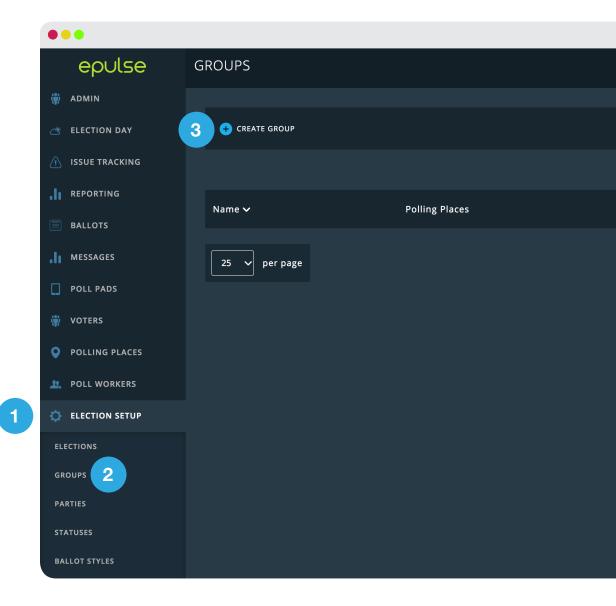
Groups

Groups in ePulse allow administrators to limit the information available to individual users.

Users can be assigned to a polling location and will only be able to view and edit data relevant to their assigned polling location(s).

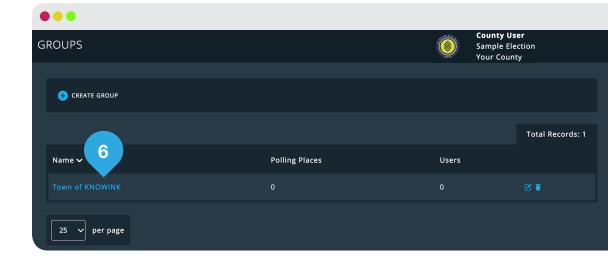
Creating a Group:

- 1 Click ELECTION SETUP
- 2 Click GROUPS
- 3 Click CREATE GROUP

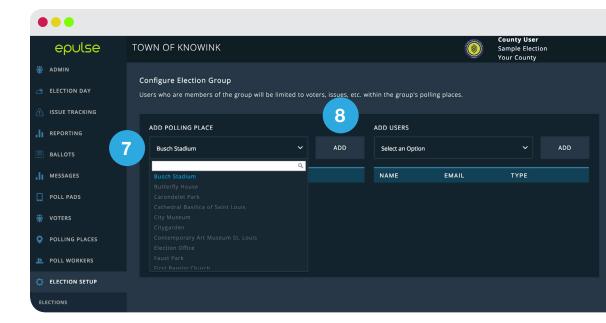


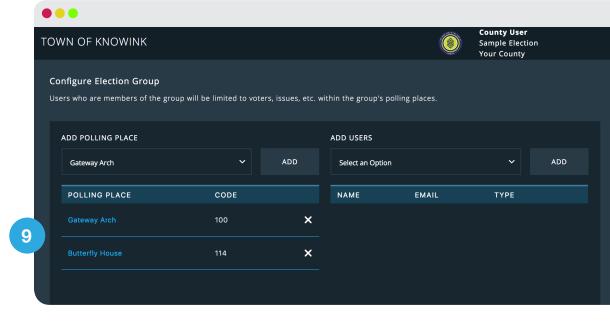
- 4 Name the group you are creating.
- 5 Click **SAVE.**
- 6 Assign users to the newly created Group by selecting name(s).





- 7 Select relevant polling location(s).
- 8 Click ADD.
- 9 Once added, polling places attached to this group will be displayed.

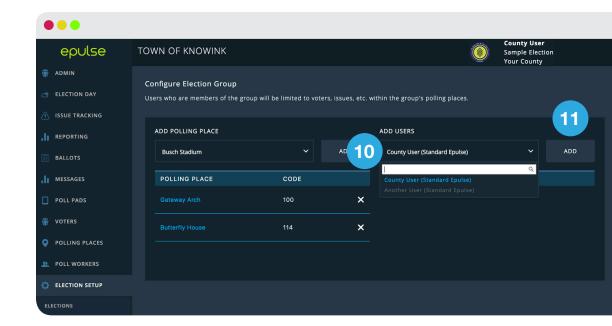


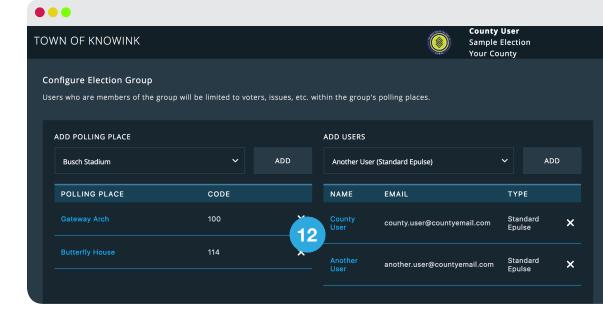


- 10 Select desired User(s).
- 11 Click ADD.
- Once added, users attached to this group of polling places will be displayed.

Note: Changes/updates automatically save.

Navigate back to the Groups page to repeat
this process for additional Groups.





epulse Post Election Day

California - How to Guide



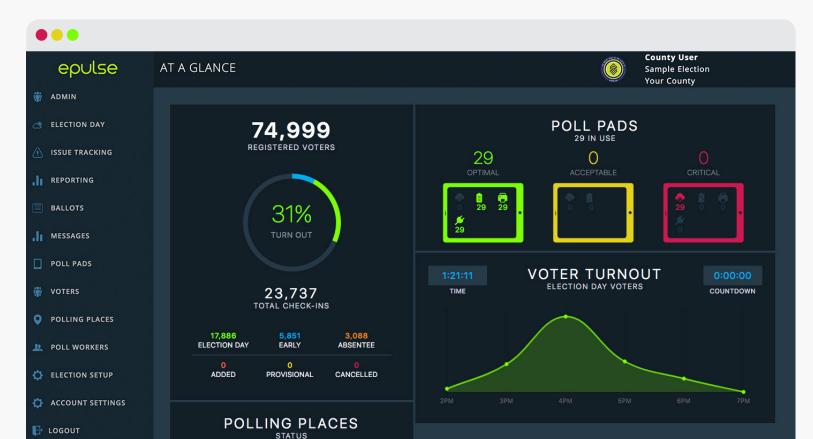


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Managing Your Poll Pads During Election Day

Generate Voter History: Part I

Generate Voter History: Part II

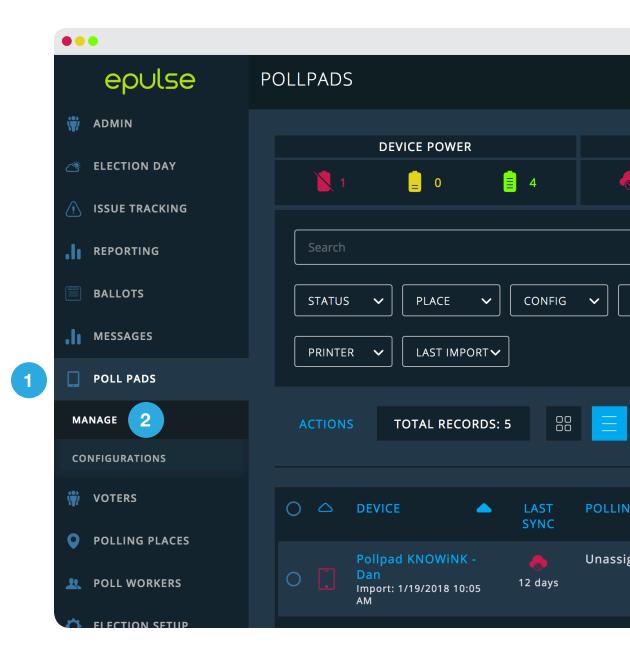
Export CVR Data: Part I

Export CVR Data: Part II

Managing Your Poll Pads Post Election Day

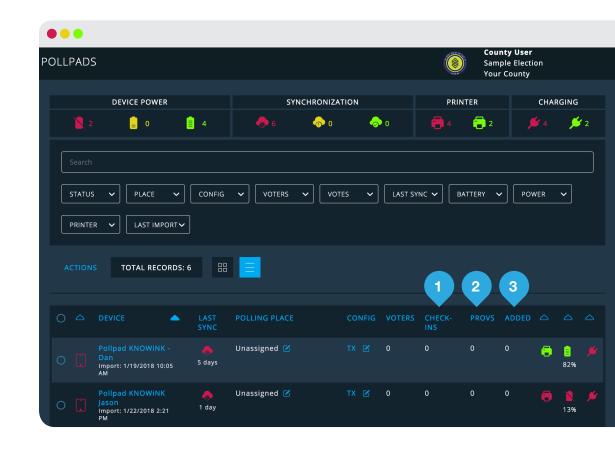
It is important to ensure that your Poll Pads have synced activity with ePulse.

- 1 Click POLL PADS
- 2 Click MANAGE



Ensure that Check-In Counts correspond with the daily voting activity reflected on each Election Day Poll Pad.

- 1 Verify Check-in Count.
- Verify Provisionals Processed.
- 3 Verify Added Voters.

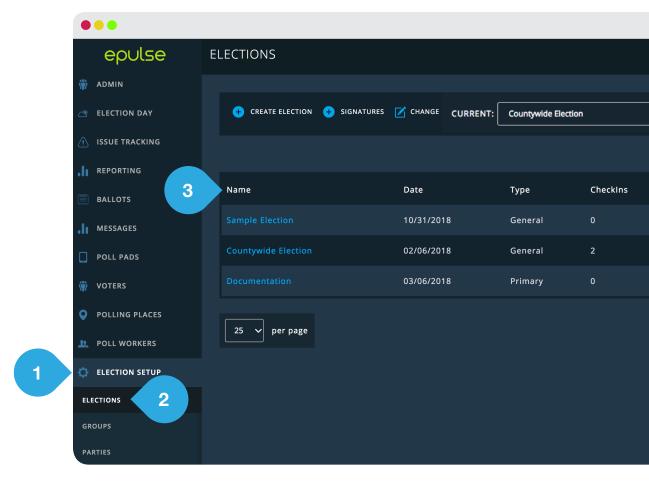


Generate Voter History: Part I

Once Check-In Counts have been verified; you may navigate to the Election Details page to run Voter History.

Navigate to the Election Details page:

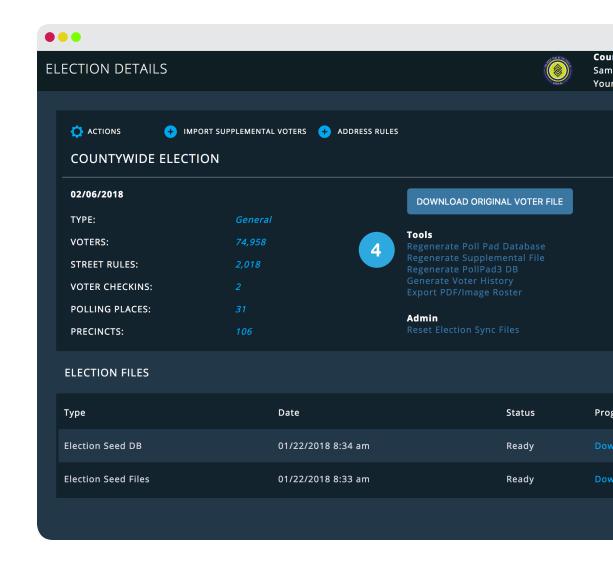
- Click **ELECTION SETUP.**
- 2 Click **ELECTIONS**.
- Choose the **Current Election** from the list of elections displayed.



continued on page 6

Generate Voter History: Part I (cont.)

Voter history is located under the **Tools** section of the Election Details Page.



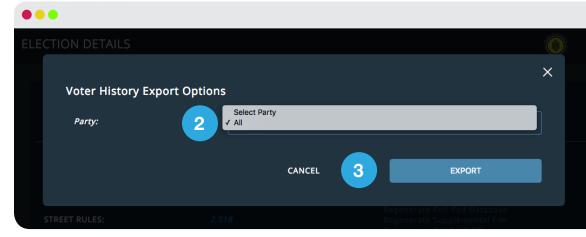
Generate Voter History: Part II

- Click Generate Voter History.
- 2 Select **ALL** from drop down menu.
- 3 Click **EXPORT.**

This will export a Voter History file to be uploaded into your Election Management System.

continued on page 8





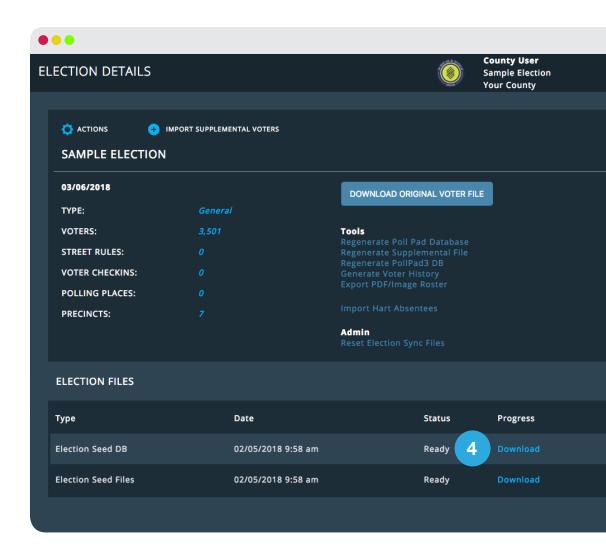
Generate Voter History: Part II (cont.)

The voter history file will process in the **Election Files** section. When the file is complete, a blue Download button will appear.



Click **Download** to save file.

After saving file, upload into your Election Management System.

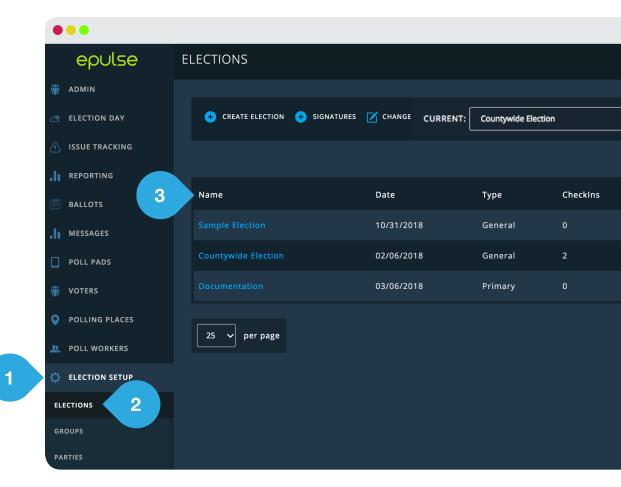


Export CVR Data: Part I

Once Conditional Voter Registration (CVR) counts have been verified, you may navigate to the Election Details page to extract the CVR import file.

Navigate to the Election Details page:

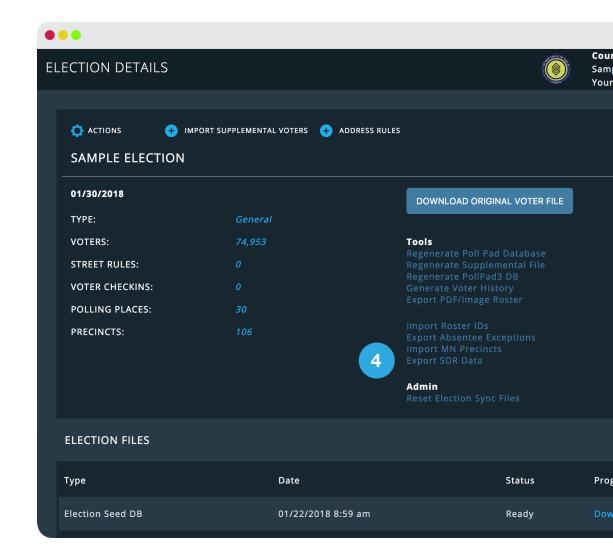
- Click **ELECTION SETUP.**
- Click **ELECTIONS.**
- Choose the **Current Election** from the list of elections displayed.



continued on page 10

Export CVR Data: Part I (cont.)

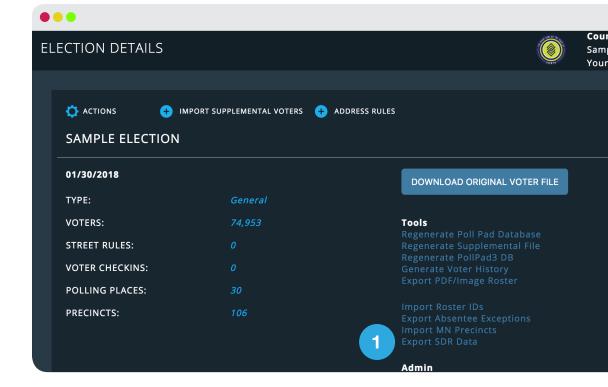
4 CVR Data is located under the **Tools** section of the Election Details Page.



Export CVR Data: Part II

1 Click Export CVR Data

This will export an CVR Data file to be uploaded into your Election Management System.



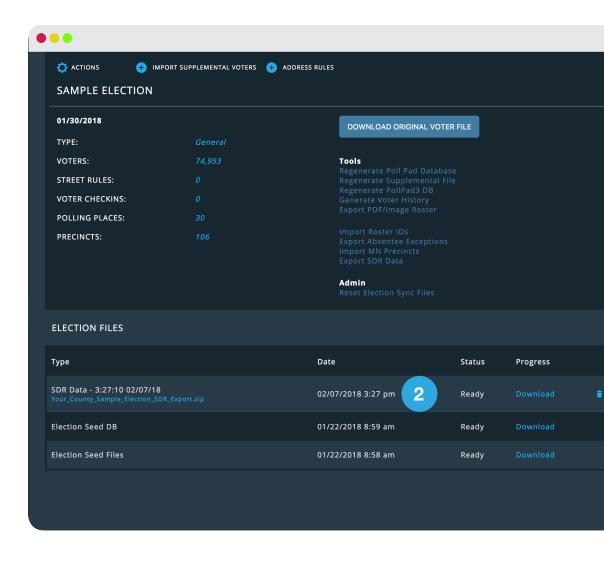
continued on page 12

Export CVR Data: Part II (cont.)

The CVR data file will process in the **Election Files** section. When the file is complete, a blue Download button will appear.

2 Click **Download** to save file.

After saving file, upload into your Election Management System.



AUDIT LOGGING | POLL PAD



1 TOOLS AND SETTINGS

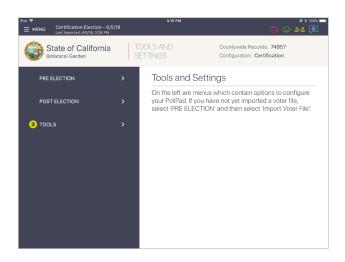
To access the device specific Audit Logs contained in the Poll Pad, press **Menu** > **Tools and Settings**.



2 ENTER PASSWORD

Enter the device specific password.

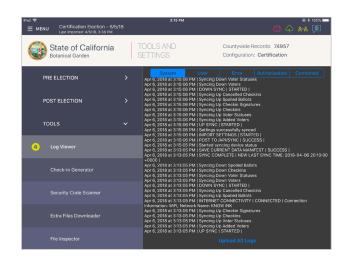
*Consult Elections Office to obtain password if needed.



3 TOOLS

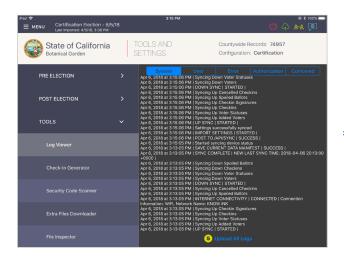
Select **TOOLS** from the Tools and Settings menu.

AUDIT LOGGING | POLL PAD



O LOG VIEWER

Select **Log Viewer** from the displayed options. Audit Logs will be displayed on the right hand side. Logs are divided into several options: **System**, **User**, **Error**, **Authorization**, **Combined**.

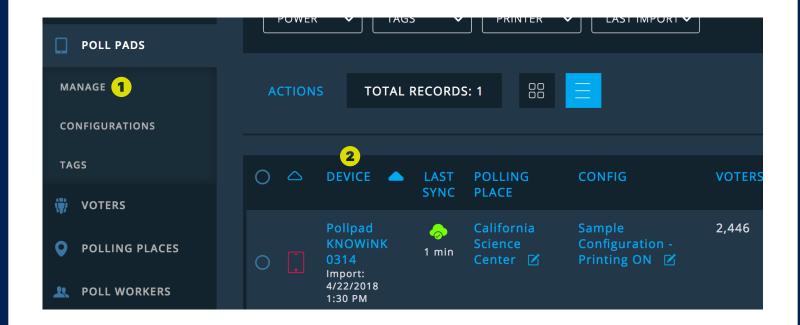


UPLOAD ALL LOGS

To sync Audit Logs to ePulse use the "**Upload All Logs**" option at the bottom of the logs.

*Verify WiFi connection before uploading.

AUDIT LOGGING | EPULSE

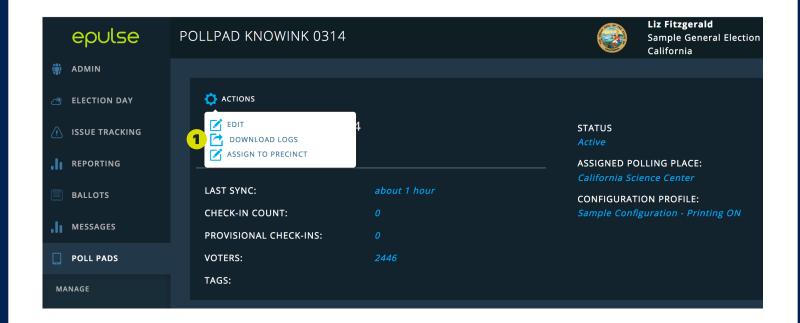


Once audit logs have been uploaded from Poll Pads, they can be downloaded from ePulse.

In ePulse menu:

- 1 Navigate to **POLL PADS** > **MANAGE**
- 2 Click on the **DEVICE** name you want to download logs from.

AUDIT LOGGING | EPULSE



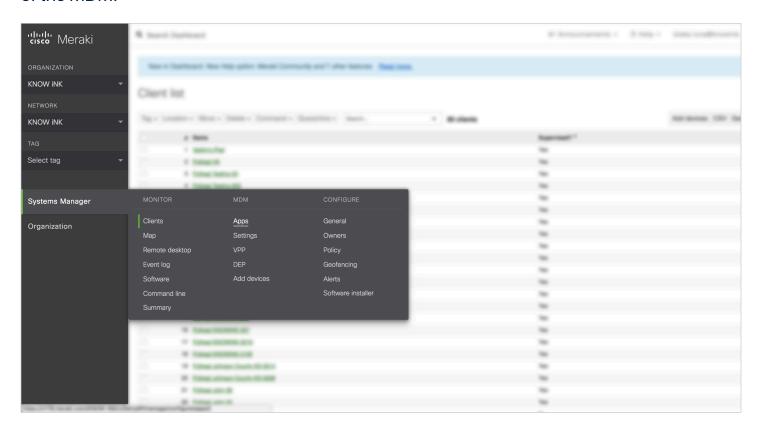
On the device page, click ACTIONS > DOWNLOAD LOGS

ePulse will download the device logs as a zip file and you will be prompted to save the file.

Save the zip file to the desired destination on your computer.

UPDATING APPLICATIONS

Periodically, in preparation for election day, the Poll Pad application will need to be updated. To deploy the newest version of the application, sign into the Meraki mobile device management system. Once logged in, use the system manager to access the apps feature of the MDM.



On the resulting page, select the app you wish to deploy.



KNOWINK | MERAKI GUIDE

Scroll to the bottom of the page to view your Poll Pads. Select the Poll Pads you want to update and use the Manage button to send out an "Uninstall" command. This will remove the application from the selected iPad.









After Command

KNOWINK | MERAKI GUIDE

Once removed, use the Manage button to reinstall the application. The application will reappear and begin to download. Once complete, the Poll Pad application icon will reappear.





Application Updating



Update Complete

KNOWINK | MOBILE DEVICE MANAGEMENT

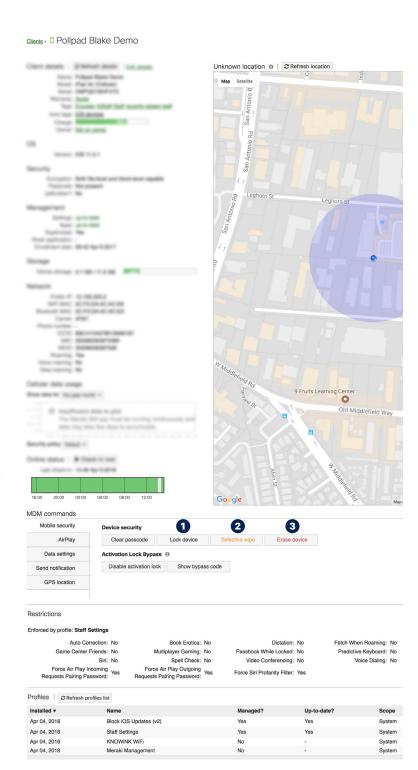
All Poll Pads are sent pre-enrolled in Meraki Mobile Device Management (MDM) system, allowing administrators to lock or control nearly every aspect of the system. With the Meraki MDM system, an administrator can lock or wipe the iPad. Additionally, the app store, game center, news app, entertainment apps, and others, are all locked out from use and able to be controlled by the MDM.

If a device has gone missing, you can utilize the security features built into Meraki to lock or wipe a Poll Pad. Navigate to the individual device you wish to lock or wipe by clicking on the device name from the **Clients** page.

• Lock Device: This option will remotely lock the Poll Pad and require a password to re-enter the device.

Note: For this option to function properly, you must have a passcode previously set up and turned on in the settings on the iPad.

- 2 Selective Wipe: This option will remove all managed apps and profiles, but keep the device under management.
- **3 Erase Device:** This option will erase all data on the device.



KNOWINK | JETPACK SETUP

IMPORTANT: You must plug in and turn ON your Hotspot in order to receive any supplemental data!

Ensure all jurisdictional and/or State wireless network requirements are followed when WiFi and/or MiFi connections are utilized



10 LOCATE HOTSPOT

In the carrying case, locate the Hotspot and power cord.



2 CONNECT

Plug power cord into the side of the Hotspot. On the cord, the arrow marks which side is up.



OPERATION

Plug your Hotspot into a wall outlet.

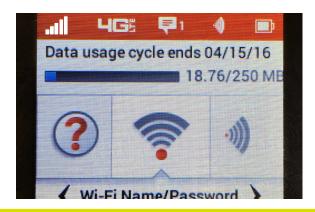
NOTE: Your Hotspot has a 2-hour battery.



OPERIOR ON HOTSPOT

Press and hold the **power button** on the side of the Hotspot for five seconds.

KNOWINK | JETPACK SETUP



6 HOTSPOT CONNECTED

When connected, the display will look similar to a cell phone display. Make sure the Hotspot has a good signal by checking the bars at the top left of the screen. If it does not have a good connection, try moving it to a different location or close to a window, keeping it within 80 feet of the Poll Pads.

NOTE: Tap the power button to "wake up" the Hotspot screen if you need to confirm connectivity during the day.



OPERING OFF

Press and hold the power button until the "powering off" screen appears.



OHOTSPOT POWERED OFF

The screen will read 'Powering Off'.



3 RETURN ITEMS

Unplug the power cord and return the Hotspot and power cord to the carrying case. Return the case to the Election headquarters.













SA2100 WiFi Set-Up

STEP 1: Remove equipment from packaging.

STEP 2: Attach antennas (2) to device.

STEP 3: Plug the SA2100 into primary AC power supply. (Electrical outlet, extension cord, power strip, etc)





STEP 4: The device will power on once connected to electricity (This can take up to 2 minutes)

STEP 5: After powering on, the lights on the FRONT of the device will illuminate. The light on the FRONT LEFT side of the device will indicate connection to the cell tower (light can appear different colors: red, green or blue) and the 5 bars located ABOVE this indicate signal strength.

STEP 6: FRONT RIGHT side of the device (located far-right) should be a solid green. (Power Indicator)

STEP 7: On the FRONT RIGHT side of the device (the second from the right green light) is the SSID indication light. (When illuminated this means you are broadcasting the Pollpad WiFi Secure – Mobile network)



LEDs

The SA 2100 router has LEDs that verify status, signal, and connectivity.



Figure 1-3

The following table describes each LED:

Symbol	LED	Color	State	Description
பு	Power:	Green	On	Normal operation (External or Battery Power) ** Note When operating on Battery power all other LEDs are OFF. The LED blinks slowly, once every 5 secs when running on the battery.
			Blinking 1 sec On 2 sec Off	During device Reset or Power-up sequence

Symbol	LED	Color	State	Description
	WiFi:	Green	Off	Wi-Fi not enabled or No Wi-Fi connected devices or device is powered from Battery
			On	External Power - Wi-Fi devices Attached but no Wi-Fi traffic
			Blinking 1 sec On 1 sec Off	Wi-Fi traffic
(<u>A</u>)	WAN - LTE	Green	ON	Attached (LTE) - no traffic
			Blinking 1 sec On 1 sec Off	PDP Activity
	WAN - 4G/3G	Blue	ON	Attached (4G/3G) - no traffic
			Blinking 1 sec On 1 sec Off	PDP Activity
	WAN - 2G	Orange	ON	Attached (2G) - no traffic
			Blinking 1 sec On 1 sec Off	PDP Activity
шШ	Cellular 5-bar signal strength:	Green	Off	No SIM/No Signal/Operating from battery
		Green	On	Active only when external power is present.

VoiceOver

Turn VoiceOver on or off. Summon Siri and say "turn on VoiceOver" or "turn off VoiceOver." You can also go to Settings > General > Accessibility > VoiceOver, or use accessibility shortcuts.

Unlock iPad. Press either the Sleep/Wake or Home button, then double-tap the screen. On iPad models with Touch ID, you can unlock iPad by placing your finger on the Home button. See Wake and unlock iPad.

Enter your passcode silently. To avoid having your passcode spoken as you enter it, enable handwriting mode or type onscreen braille.

Unlock iPad with Touch ID. You can unlock iPad by pressing your finger on the Home button if you set up Touch ID (on supported models). To use Touch ID by touching instead of pressing the Home button, go to Settings > General > Accessibility > Home Button, then turn on Rest Finger to Open.

Open an app, toggle a switch, or tap an item. Tap the item, then double-tap the screen.

Double-tap the selected item. To invoke a command normally executed by tapping twice on the screen—selecting a word or zooming an image, for example—tap three times.

Adjust a slider. Tap the slider, then swipe up or down with one finger.

Use a standard gesture. Double-tap and hold your finger on the screen until you hear three rising tones, then make the gesture. When you lift your finger, VoiceOver gestures resume. For example, to drag a volume slider with your finger instead of swiping up and down, select the slider, double-tap and hold, wait for the three tones, then slide left or right.

Scroll a list or area of the screen. Swipe up or down with three fingers.

Use the list index: Some lists have an alphabetical table index along the right side. Select the index, then swipe up or down to move through the index. You can also double-tap, hold, then slide your finger up or down.

Reorder a list: You can change the order of items in some lists, such as the Rotor items in Accessibility settings. Tap the Reorder button to the right of an item, double-tap and hold until you hear three rising tones, then drag up or down.

Open the notifications screen. Tap any item in the status bar, then swipe down with three fingers. Or touch and hold the top of the screen until you hear a sound, then swipe down. To return to where you were, do a two-finger scrub (move two fingers back and forth three times quickly, making a "z") or press the Home button.

Open Control Center. Tap any item in the status bar, then swipe up with three fingers. Or touch and hold the bottom of the screen until you hear a sound, then swipe up. To dismiss Control Center, do a two-finger scrub

VoiceOver

or press the Home button.

Search from the Home screen. Tap anywhere on the Home screen outside the status bar, then swipe down with three fingers.

Activate Slide Over. Tap any item in the status bar, then swipe left with three fingers. Or touch and hold the right edge of the screen until you hear a sound, then swipe left.

Select the divider: Tap the divider.

Turn on Split View: Double-tap the divider.

Resize the divider: Double-tap and hold the divider, then drag it.

Switch apps. Open the App Switcher, swipe left or right with one finger to select an app, then double-tap to switch to it. Or, set the rotor to Actions while viewing open apps, then swipe up or down to cycle through the apps.

Rearrange apps on your Home screen. Use one of the following methods:

Drag and drop: Tap an icon on the Home screen, then double-tap and hold your finger on the screen until you hear three rising tones. The item's relative location is described as you drag. Lift your finger when the icon is in its new location. Drag an icon to the edge of the screen to move it to another Home screen. You can continue to select and move items until you press the Home button.

Move actions: Tap an app, then swipe down to hear available actions. When you hear Arrange Apps, double-tap to start arranging apps. Find the app you wish to move, then swipe down to the Move action and double-tap. Move the VoiceOver cursor to the new destination for the app, then choose from the available actions: Cancel Move, Create New Folder, Add to Folder, Move Before, or Move After. You can continue to select and move items until you press the Home button.

Speak iPad status information. Tap the status bar at the top of the screen, then swipe left or right to hear information about the time, battery state, Wi-Fi signal strength, and more.

Speak notifications. Go to Settings > General > Accessibility > VoiceOver, then turn on Always Speak Notifications. Notifications, including the text of incoming text messages, are spoken as they occur, even if iPad is locked. Unacknowledged notifications are repeated when you unlock iPad.

Turn the screen curtain on or off. Triple-tap with three fingers. When the screen curtain is on, the screen contents are active even though the display is turned off.

Set audio routing options. Go to Settings > General > Accessibility > VoiceOver > Audio. Device-specific options are shown if you connect additional devices, such as an instrument amplifier or DJ mixer.

AssistiveTouch

AssistiveTouch helps you use iPad if you have difficulty touching the screen or pressing the buttons. You can use AssistiveTouch without any accessory to perform gestures that are difficult for you. You also can use a compatible adaptive accessory (such as a joystick) together with AssistiveTouch to control iPad. To configure the AssistiveTouch menu, go to Settings > General > Accessibility > AssistiveTouch.

AssistiveTouch lets you perform the following actions and more just by tapping (or the equivalent on your accessory):

- Open the AssistiveTouch menu
- Go to the Home screen
- Double-tap
- Perform multifinger gestures
- Summon Siri
- Access Control Center, notifications, Lock screen, or App Switcher
- Adjust volume on iPad
- Shake iPad
- Take a screenshot
- Use Apple Pay (on models that support Apple Pay)
- Speak screen
- Control Analytics
- Restart iPad

Turn on AssistiveTouch. Tell Siri "turn on AssistiveTouch," go to Settings > General > Accessibility > AssistiveTouch, or use Accessibility Shortcut. When AssistiveTouch is on, the floating menu button appears on the screen.

Add more actions to the AssistiveTouch menu. Go to Settings > General > Accessibility > AssistiveTouch > Customize Top Level Menu. The menu can have up to eight actions.

Show or hide the AssistiveTouch menu. Tap the floating menu button, or click the secondary button on your accessory.

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AssistiveTouch

Show the Home screen. Tap the menu button, then tap Home.

Lock or rotate the screen, adjust iPad volume, or simulate shaking iPad. Tap the menu button, then tap Device.

Perform a swipe or drag that uses 2, 3, 4, or 5 fingers. Tap the menu button, tap Device > More > Gestures, then tap the number of digits needed for the gesture. When the corresponding circles appear on the screen, swipe or drag in the direction required by the gesture. When you finish, tap the menu button.

Perform a pinch gesture. Tap the menu button, tap Custom, then tap Pinch. When the pinch circles appear, touch anywhere on the screen to move the pinch circles, then drag them in or out to perform a pinch gesture. When you finish, tap the menu button.

Create your own gesture. You can add your own favorite gestures to the control menu (for example, touch and hold or two-finger rotation). Tap the menu button, tap Custom, then tap an empty gesture placeholder. Or go to Settings > General > Accessibility > AssistiveTouch > Create New Gesture.

Example 1: To create the rotation gesture, go to Settings > General > Accessibility > AssistiveTouch > Create New Gesture. On the gesture recording screen that asks you to touch to create a gesture, rotate two fingers on the iPad screen around a point between them. (You can do this with a single finger or stylus—just create each arc separately, one after the other.) If it doesn't turn out quite right, tap Cancel, then try again. When it looks right, tap Save, then give the gesture a name—maybe "Rotate 90." Then, to rotate the view in Maps, for example, open Maps, tap the AssistiveTouch menu button, and choose Rotate 90 from Custom. When the blue circles representing the starting finger positions appear, drag them to the point around which you want to rotate the map, then release. You might want to create several gestures with different degrees of rotation.

Example 2: Let's create the touch-and-hold gesture that you use to start rearranging icons on your Home screen. This time, on the gesture recording screen, touch and hold your finger in one spot until the recording progress bar reaches halfway, then lift your finger. Be careful not to move your finger while recording, or the gesture will be recorded as a drag. Tap Save, then name the gesture. To use the gesture, tap the AssistiveTouch menu button, then choose your gesture from Custom. When the blue circle representing your touch appears, drag it over a Home screen icon and release.

If you record a sequence of taps or drags, they're all played back at the same time. For example, using one finger or a stylus to record four separate, sequential taps at four locations on the screen creates a simultaneous four-finger tap.

Exit a menu without performing a gesture. Tap anywhere outside the menu. To return to the previous menu, tap the arrow in the middle of the menu.

Assign custom actions to the menu button. By default, a single tap on the menu button opens the menu. To assign other actions to the menu button, go to Settings > General > Accessibility > AssistiveTouch. Below

AssistiveTouch

Custom Actions, you can assign different actions to a single tap, double tap, or long press.

Reduce the visibility of the menu button when not in use. Go to Settings > General > Accessibility > AssistiveTouch > Idle Opacity, then drag the slider.

Move the menu button. Drag it anywhere along the edge of the screen.

Switch Control

If you have a motor impairment, Switch Control lets you control iPad using one or more connected physical switches. Use any of several methods to perform actions such as selecting, tapping, dragging, typing, invoking multitasking options on devices that support them, and even free-hand drawing. You use a switch to select an item or location on the screen, and then use the same (or different) switch to choose an action to perform on that item or location. Three basic methods are:

- Item scanning (default), which highlights different items on the screen until you select one.
- Point scanning, which lets you use scanning crosshairs to pick a screen location.
- Manual selection, which lets you move from item to item on demand (requires multiple switches).

Whichever method you use, when you select an individual item (rather than a group), a menu appears so you can choose how to act on the selected item (tap, drag, or pinch, for example).

If you use multiple switches, you can set up each switch to perform a specific action and customize your item selection method. For example, instead of automatically scanning screen items, you can set up switches to move to the next or previous item on demand.

You can adjust the behavior of Switch Control in a variety of ways, to suit your specific needs and style.